

- 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopentyl)-N-methyl-acetamide;
- 5 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopentyl)-N,N-dimethyl-acetamide;
- 10 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopentyl)-acetamide;
- 15 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-acetamide;
- 20 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N-methyl-acetamide;
- 25 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N,N-dimethyl-acetamide;
- 30 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N-methyl-acetamide;
- 35 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-acetamide;

- 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-acetamide;
- 5 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N-methyl-acetamide;
- 10 2-(1-{4-[1-(4-methoxy-phenyl)-3-methyl-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N-methyl-acetamide;
- 15 2-(1-{4-[1-(4-methoxy-phenyl)-3-methyl-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-acetamide;
- 20 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-acetamide;
- 25 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N,N-dimethyl-acetamide;
- 30 2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-cyclobutyl)-N,N-dimethyl-acetamide;
- 35 2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-cyclobutyl)-N-methyl-acetamide;

- 2- (1- {4- [3- (4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-
[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-
cyclobutyl)-acetamide;
- 5 5-chloro-thiophene-2-carboxylic acid {2-[4-(1-
dimethylaminomethyl-cyclopropyl)-benzyl]-1,3-dioxo-
2,3-dihydro-1H-isoindol-4-yl}-amide;
- 10 5-chloro-thiophene-2-carboxylic acid {2-[4-(1-
dimethylaminomethyl-cyclopropyl)-benzyl]-1-oxo-2,3-
dihydro-1H-isoindol-4-yl}-amide;
- 15 5-chloro-thiophene-2-carboxylic acid {2-[4-(1-
dimethylaminomethyl-cyclopropyl)-benzyl]-3-oxo-2,3-
dihydro-1H-isoindol-4-yl}-amide;
- 20 5-chloro-thiophene-2-carboxylic acid [2-(2-{4-[1-(2-
dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1,3-
dioxo-2,3-dihydro-1H-isoindol-4-yl]-amide;
- 25 5-chloro-thiophene-2-carboxylic acid [2-(2-{4-[1-(2-
dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1-
oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;
- 30 5-chloro-thiophene-2-carboxylic acid [2-(2-{3-[1-(2-
dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1,3-
dioxo-2,3-dihydro-1H-isoindol-4-yl]-amide;
- 35 5-chloro-thiophene-2-carboxylic acid [2-(2-{3-[1-(2-
dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1-
oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

- 5-chloro-thiophene-2-carboxylic acid [2-(2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-3-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;
- 5 5-chloro-thiophene-2-carboxylic acid (2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 10 5-chloro-thiophene-2-carboxylic acid (2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 15 5-chloro-thiophene-2-carboxylic acid (2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 20 5-chloro-thiophene-2-carboxylic acid (2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 25 5-chloro-thiophene-2-carboxylic acid (2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 30 5-chloro-thiophene-2-carboxylic acid {2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl}-amide;
- 35 5-chloro-thiophene-2-carboxylic acid {2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

- 5-chloro-thiophene-2-carboxylic acid {2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-3-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;
- 5 5-chloro-thiophene-2-carboxylic acid (2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 10 5-chloro-thiophene-2-carboxylic acid (2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 15 5-chloro-thiophene-2-carboxylic acid (2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 20 5-chloro-thiophene-2-carboxylic acid (2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 25 5-chloro-thiophene-2-carboxylic acid (2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 30 5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl}-amide;
- 35 5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-3-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

5 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

10 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

15 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-3-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

20 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

25 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-3-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

30 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

35 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

- 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 5 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 10 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 15 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 20 5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl}-amide;
- 25 5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;
- 30 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 35 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

- 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 5 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 10 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 15 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 20 (1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-acetic acid;
- 2- (1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-acetamide;
- 25 2- (1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N-methyl-acetamide;
- 30 2- (1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N,N-dimethyl-acetamide;
- 35 1-(4-methoxy-phenyl)-6-{4-[1-(2-oxo-2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

- 6-{4-[1-(2-hydroxy-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 5 1-(4-methoxy-phenyl)-6-{4-[1-(2-methylamino-ethyl)cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 10 6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 15 1-(4-methoxy-phenyl)-6-{4-[1-(2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 20 1-(4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one
- 25 6-[4-(1-carbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;
- 30 6-[4-(1-carbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 35 1-(4-methoxy-phenyl)-6-[4-(1-methylcarbamoylmethyl-cyclopropyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;
- 1-(4-Methoxy-phenyl)-6-[4-(1-methylcarbamoylmethyl-cyclopropyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

6-[4-(1-dimethylcarbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;

5

6-[4-(1-dimethylcarbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

10

6-{4-[1-(2-hydroxy-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

15

1-(4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide; and,

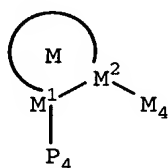
20

1-(4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

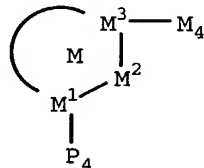
or a pharmaceutically acceptable salt form thereof.

25

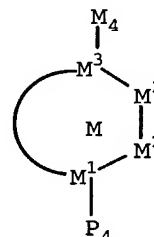
9. A compound according to Claim 1, wherein the compound is of Formula IIIa, IIIb, or IIIc:



IIIa



IIIb



IIIc

or a stereoisomer or pharmaceutically acceptable salt thereof, wherein;

30

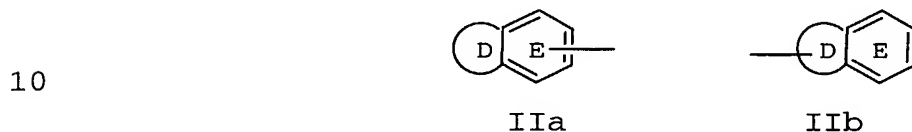
ring M, including M₁, M₂, and, if present, M₃, is phenyl or a 3-10 membered carbocyclic or 4-10 membered

heterocyclic ring consisting of: carbon atoms and 1-4 heteroatoms selected from O, S(O)_p, N, and NZ²;

ring M is substituted with 0-3 R^{1a} and 0-2 carbonyl groups,
5 and there are 0-3 ring double bonds;

one of P₄ and M₄ is -Z-A-B and the other -G₁-G;

G is a group of formula IIa or IIb:



ring D, including the two atoms of Ring E to which it is attached, is a 5-6 membered ring consisting of carbon
15 atoms and 0-2 heteroatoms selected from the group consisting of N, O, and S(O)_p;

ring D is substituted with 0-2 R and there are 0-3 ring double bonds;

20

E is selected from phenyl, pyridyl, pyrimidyl, pyrazinyl, and pyridazinyl, and is substituted with 1-3 R;

alternatively, ring D is absent, and ring E is selected
25 from phenyl, pyridyl, pyrimidyl, and thienyl, and ring E is substituted with 1-3 R;

alternatively, ring D is absent, ring E is selected from phenyl, pyridyl, and thienyl, and ring E is
30 substituted with 1 R and substituted with a 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, wherein the 5-6 membered heterocycle

is substituted with 0-2 carbonyls and 1-3 R and there are 0-3 ring double bonds;

R is selected from H, C₁₋₄ alkyl, F, Cl, OH, OCH₃, OCH₂CH₃,
 5 OCH(CH₃)₂, CN, C(=NH)NH₂, C(=NH)NHOH, C(=NH)NHOCH₃,
 NH₂, NH(C₁₋₃ alkyl), N(C₁₋₃ alkyl)₂, C(=NH)NH₂, CH₂NH₂,
 CH₂NH(C₁₋₃ alkyl), CH₂N(C₁₋₃ alkyl)₂, (CR⁸R⁹)_tNR⁷R⁸,
 C(O)NR⁷R⁸, CH₂C(O)NR⁷R⁸, S(O)_pNR⁷R⁸, CH₂S(O)_pNR⁷R⁸,
 SO₂R³, and OCF₃;

10

alternatively, when 2 R groups are attached to adjacent atoms, they combine to form methylenedioxy or ethylenedioxy;

15 A is selected from:

C₅₋₁₀ carbocycle substituted with 0-2 R⁴, and

5-10 membered heterocycle substituted with 0-2 R⁴ and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

20

X is selected from -(CR²R^{2a})₁₋₄-, -C(O)-, -C(O)CR²R^{2a}-,
 -CR²R^{2a}C(O)-, -S(O)₂-, -S(O)₂CR²R^{2a}-, -CR²R^{2a}S(O)₂-,
 -NR²S(O)₂-, -S(O)₂NR²-, -NR²C(O)-, -C(O)NR²-, NR²,
 -NR²CR²R^{2a}-, -CR²R^{2a}NR²-, O, -OCR²R^{2a}-, and -CR²R^{2a}O-;

25

Y is a C₃₋₇ monocyclic carbocycle or 3-7 membered monocyclic heterocycle, wherein the carbocycle or heterocycle consists of: carbon atoms and 0-2 heteroatoms selected from N, O, and S(O)_p, the carbocycle or
 30 heterocycle further comprises 0-2 double bonds and 0-2 carbonyl groups, and the carbocycle or heterocycle is substituted with 0-2 R⁴;

alternatively, Y is CY^1Y^2 , and Y^1 and Y^2 are independently C_{1-3} alkyl substituted with 0-1 R^4 ;

5 Z is selected from a bond, CH_2 , CH_2CH_2 , CH_2O , OCH_2 , $C(O)$, NH , CH_2NH , $NHCH_2$, $CH_2C(O)$, $C(O)CH_2$, $C(O)NH$, $NHC(O)$, $NHC(O)NH$, $NHC(O)CH_2C(O)NH$, $NHC(O)C(O)NH$, $C(O)NHS(O)_2$, $S(O)_2$, $CH_2S(O)_2$, $S(O)_2(CH_2)$, SO_2NH , and $NHSO_2$, provided that Z does not form a N-S, NCH_2N , NCH_2O , or NCH_2S bond with either group to which it is attached;

10

Z^2 is selected from H, C_{1-4} alkyl, phenyl, benzyl, $C(O)R^{3b}$, $S(O)R^{3f}$, and $S(O)_2R^{3f}$;

15 R^{1a} , at each occurrence, is selected from H, $-(CH_2)_r-R^{1b}$, $-(CH(CH_3))_r-R^{1b}$, $-(C(CH_3)_2)_r-R^{1b}$, $-O-(CR^3R^{3a})_r-R^{1b}$, $-NR^2-(CR^3R^{3a})_r-R^{1b}$, and $-S-(CR^3R^{3a})_r-R^{1b}$, provided that R^{1a} forms other than an N-halo, N-S, O-O, or N-CN bond;

20 alternatively, when two R^{1a} groups are attached to adjacent atoms or to the same carbon atom, together with the atoms to which they are attached they form a 5-7 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, this ring being substituted with 0-2 R^{4b} and 0-3 ring double bonds;

25

R^{1b} is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, F, Cl, Br, I, -CN, -CHO, CF_3 , OR^2 , NR^2R^{2a} , $C(O)R^{2b}$, CO_2R^{2b} , $OC(O)R^2$, CO_2R^{2a} , $S(O)_pR^2$, $NR^2(CH_2)_rOR^2$, $NR^2C(O)R^{2b}$, $NR^2C(O)NHR^2$, $NR^2C(O)_2R^{2a}$, $OC(O)NR^2R^{2a}$, $C(O)NR^2R^{2a}$, $C(O)NR^2(CH_2)_rOR^2$, $SO_2NR^2R^{2a}$, $NR^2SO_2R^2$, C_{3-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered heterocycle consisting of carbon atoms and from 1-4 heteroatoms

30

selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b}, provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

5 R², at each occurrence, is selected from H, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, benzyl, C₅₋₆ carbocycle substituted with 0-2 R^{4b}, a C₅₋₆ carbocycle-CH₂- substituted with 0-2 R^{4b}, and 5-6 membered heterocycle substituted with 0-2 R^{4b} and consisting of: carbon
10 atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2a}, at each occurrence, is selected from H, CF₃, CH₃,
15 CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, benzyl, C₃₋₆ carbocycle substituted with 0-2 R^{4b}, and 5-6 membered heterocycle substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group
20 consisting of N, O, and S(O)_p;

alternatively, R² and R^{2a}, together with the nitrogen atom to which they are attached, combine to form a 3-6 membered saturated, partially saturated or unsaturated
25 ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2b}, at each occurrence, is selected from CF₃, C₁₋₄ alkoxy,
30 C₁₋₆ alkyl substituted with 0-3 R^{4b}, benzyl, C₃₋₆ carbocycle substituted with 0-2 R^{4b}, and 4-6 membered heterocycle substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

- R^{2c} , at each occurrence, is selected from CF_3 , OH, C_{1-4} alkoxy, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, benzyl, C_{5-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered heterocycle substituted with 0-2 R^{4b} and consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$;
- 10 R^{2d} , at each occurrence, is selected from H, R^{4c} , C_{1-4} alkyl substituted with 0-2 R^{4c} , $-(CR^3R^{3a})_r-C_{3-6}$ carbocycle substituted with 0-2 R^{4c} , and $-(CR^3R^{3a})_r-5-6$ membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, provided that R^{2d} forms other than a N-halo, N-C-halo, $S(O)_p$ -halo, O-halo, N-S, S-N, $S(O)_p-S(O)_p$, S-O, O-N, O-S, or O-O moiety;
- 15
- 20 alternatively, when two R^{2d} 's are attached to the same nitrogen atom, then R^{2d} and R^{2d} , together with the nitrogen atom to which they are attached, combine to form a 5 or 6 membered saturated, partially saturated or unsaturated ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and $S(O)_p$;
- 25
- R^{2e} , at each occurrence, is selected from H, R^{4c} , C_{1-4} alkyl substituted with 0-2 R^{4c} , $-(CR^3R^{3a})_r-C_{3-6}$ carbocycle substituted with 0-2 R^{4c} , and $-(CR^3R^{3a})_r-5-6$ membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, provided that R^{2e} forms other than a C(O)-halo or C(O)- $S(O)_p$ moiety;
- 30

R^3 , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl, and phenyl;

5 R^{3a} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl, and phenyl;

alternatively, R^3 and R^{3a} , together with the nitrogen atom to which they are attached, combine to form a 5 or 6
10 membered saturated, partially unsaturated, or unsaturated ring consisting of: carbon atoms and the nitrogen atom to which R^3 and R^{3a} are attached;

R^{3c} , at each occurrence, is selected from CH_3 , CH_2CH_3 ,
15 $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl, and phenyl;

R^{3d} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, CH_2 -phenyl, CH_2CH_2 -phenyl, and $C(=O)R^{3c}$;

20 R^{3g} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, cyclopropyl, cyclopropyl-methyl, benzyl, and phenyl;

25 alternatively, when R^3 and R^{3g} are attached to the same carbon atom, they combine with the attached carbon atom to form a cyclopropyl group;

R^4 , at each occurrence, is selected from H, =O, OR^2 , CH_2OR^2 ,
30 $(CH_2)_2OR^2$, F, Cl, Br, I, C_{1-4} alkyl, -CN, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $(CH_2)_2NR^2R^{2a}$, $C(O)R^{2c}$, $NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $S(O)_pR^{5a}$, CF_3 , CF_2CF_3 , 5-6 membered carbocycle substituted with 0-1 R^5 , and a 5-6 membered heterocycle substituted with 0-1 R^5 and consisting of:

carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

- R^{4b}, at each occurrence, is selected from H, =O, OR³,
 5 CH₂OR³, F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂,
 CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, -CN,
 NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, CH₂-C(O)R³, C(O)OR^{3c},
 CH₂C(O)OR^{3c}, NR³C(O)R^{3a}, CH₂NR³C(O)R^{3a}, C(O)NR³R^{3a},
 CH₂C(O)NR³R^{3a}, NR³C(O)NR³R^{3a}, CH₂NR³C(O)NR³R^{3a},
 10 C(=NR³)NR³R^{3a}, CH₂C(=NR³)NR³R^{3a}, NR³C(=NR³)NR³R^{3a},
 CH₂NR³C(=NR³)NR³R^{3a}, SO₂NR³R^{3a}, CH₂SO₂NR³R^{3a},
 NR³SO₂NR³R^{3a}, CH₂NR³SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl,
 CH₂NR³SO₂-C₁₋₄ alkyl, NR³SO₂CF₃, CH₂NR³SO₂CF₃,
 NR³SO₂-phenyl, CH₂NR³SO₂-phenyl, S(O)_pCF₃, CH₂S(O)_pCF₃,
 15 S(O)_p-C₁₋₄ alkyl, CH₂S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl,
 CH₂S(O)_p-phenyl, CF₃, and CH₂-CF₃;
- R^{4c}, at each occurrence, is selected from =O, (CR³R^{3a})_rOR²,
 (CR³R^{3a})_rF, (CR³R^{3a})_rBr, (CR³R^{3a})_rCl, (CR³R^{3a})_rCF₃, C₁₋₄
 20 alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, (CR³R^{3a})_rCN,
 (CR³R^{3a})_rNO₂, (CR³R^{3a})_rNR²R^{2a}, (CR³R^{3a})_rN(→O)R²R^{2a},
 (CR³R^{3a})_rC(O)R^{2c}, (CR³R^{3a})_rNR²C(O)R^{2b},
 (CR³R^{3a})_rC(O)NR²R^{2a}, (CR³R^{3a})_rNR²C(O)NR²R^{2a},
 (CR³R^{3a})_rSO₂NR²R^{2a}, (CR³R^{3a})_rNR²SO₂NR²R^{2a},
 25 (CR³R^{3a})_rNR²SO₂R^{5a}, (CR³R^{3a})_rS(O)_pR^{5a}, (CF₂)_rCF₃,
 (CR³R^{3a})_rC₃₋₁₀ carbocycle substituted with 0-2 R^{4b}, and
 (CR³R^{3a})_r5-10 membered heterocycle substituted with 0-2
 R^{4b} and consisting of carbon atoms and from 1-4
 heteroatoms selected from the group consisting of N,
 30 O, and S(O)_p;

R^5 , at each occurrence, is selected from H, =O, CH_3 , CH_2CH_3 ,
 $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$,
 $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, OR^3 , CH_2OR^3 , F, Cl, -CN, NO_2 ,
 NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$, $CH_2C(O)R^3$, $C(O)OR^{3c}$,
5 $CH_2C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $NR^3C(O)NR^3R^{3a}$,
 $CH(=NOR^{3d})$, $C(=NR^3)NR^3R^{3a}$, $NR^3C(=NR^3)NR^3R^{3a}$, $SO_2NR^3R^{3a}$,
 $NR^3SO_2NR^3R^{3a}$, $NR^3SO_2-C_{1-4}$ alkyl, $NR^3SO_2CF_3$, NR^3SO_2 -
phenyl, $S(O)_pCF_3$, $S(O)_p-C_{1-4}$ alkyl, $S(O)_p$ -phenyl, CF_3 ,
phenyl substituted with 0-2 R^6 , naphthyl substituted
10 with 0-2 R^6 , and benzyl substituted with 0-2 R^6 ;

R^6 , at each occurrence, is selected from H, OH, OR^2 , F, Cl,
 CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$,
 $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, -CN, NO_2 , NR^2R^{2a} ,
15 $CH_2NR^2R^{2a}$, $C(O)R^{2b}$, $CH_2C(O)R^{2b}$, $NR^2C(O)R^{2b}$,
 $NR^2C(O)NR^2R^{2a}$, $C(=NH)NH_2$, $NHC(=NH)NH_2$, $SO_2NR^2R^{2a}$,
 $NR^2SO_2NR^2R^{2a}$, and $NR^2SO_2C_{1-4}$ alkyl; and,

r , at each occurrence, is selected from 0, 1, 2, and 3.
20

10. A compound according to Claim 9, wherein:

25 ring M, including M_1 , M_2 , and, if present, M_3 , is selected
from phenyl, pyrrole, furan, thiophene, pyrazole,
imidazole, isoxazole, oxazole, isothiazole, thiazole,
1,2,3-triazole, 1,2,4-triazole, 1,3,4-triazole, 1,2,3-
oxadiazole, 1,2,4-oxadiazole, 1,3,4-oxadiazole, 1,2,3-
30 thiadiazole, 1,2,4-thiadiazole, 1,3,4-thiadiazole,
1,2,3,4-tetrazole, 1,2,3,5-tetrazole, pyran,
thiopyran, thiopyran-1,1-dioxide, pyridine,
pyrimidine, pyridazine, pyrazine, 1,2,3-triazine,
1,2,4-triazine, 1,2,3,4-tetrazine, dihydro-pyrrole,

dihydro-furan, dihydro-thiophene, dihydro-pyrazole,
dihydro-imidazole, dihydro-isoxazole, dihydro-oxazole,
dihydro-isothiazole, dihydro-thiazole, dihydro-1,2,3-
5 triazole, dihydro-1,2,4-triazole, dihydro-1,3,4-
triazole, dihydro-1,2,3-oxadiazole, dihydro-1,2,4-
oxadiazole, dihydro-1,3,4-oxadiazole, dihydro-1,2,3-
thiadiazole, dihydro-1,2,4-thiadiazole, dihydro-1,3,4-
thiadiazole, dihydro-1,2,3,4-tetrazole, dihydro-
1,2,3,5-tetrazole, dihydro-pyran, dihydro-thiopyran,
10 dihydro-thiopyran-1,1-dioxide, dihydro-pyridine,
dihydro-pyrimidine, dihydro-pyridazine, dihydro-
pyrazine, dihydro-1,2,3-triazine, dihydro-1,2,4-
triazine, dihydro-1,2,3,4-tetrazine, cyclopropane,
cyclobutane, cyclopentene, cyclopentane, cyclohexene,
15 cyclohexane, cycloheptane, tetrahydro-pyrrole,
tetrahydro-furan, tetrahydro-thiophene, tetrahydro-
thiophene-1,1-dioxide, tetrahydro-pyrazole,
tetrahydro-imidazole, tetrahydro-isoxazole,
tetrahydro-oxazole, tetrahydro-isothiazole,
20 tetrahydro-thiazole, tetrahydro-1,2,3-triazole,
tetrahydro-1,2,4-triazole, tetrahydro-1,3,4-triazole,
tetrahydro-1,2,3-oxadiazole, tetrahydro-1,2,4-
oxadiazole, tetrahydro-1,3,4-oxadiazole, tetrahydro-
1,2,3-thiadiazole, tetrahydro-1,2,4-thiadiazole,
25 tetrahydro-1,3,4-thiadiazole, tetrahydro-1,2,3,4-
tetrazole, tetrahydro-1,2,3,5-tetrazole, tetrahydro-
pyran, tetrahydro-thiopyran, tetrahydro-thiopyran-1,1-
dioxide, tetrahydro-pyridine, tetrahydro-pyrimidine,
tetrahydro-pyridazine, tetrahydro-pyrazine,
30 tetrahydro-1,2,3-triazine, tetrahydro-1,2,4-triazine,
tetrahydro-1,2,3,4-tetrazine, piperidine, indan,
isothiazolidine 1,1-dioxide, [1,2]thiazinane 1,1-
dioxide, 1,2,3,4-tetrahydro-naphthalene, 7,8-dimethyl-
1-oxa-spiro[4.4]nonane, 6,7-dihydro-5H-[1]pyrindine,
35 6,7-dihydro-5H-[2]pyrindine, 5,6,7,8-tetrahydro-
quinoline, 5,6,7,8-tetrahydro-isoquinoline, 5,6,7,8-

tetrahydro-quinoxaline, 6,7-dihydro-5H-cyclopentapyrazine, 4,5,6,7-tetrahydro-1H-benzoimidazole, 4,5,6,7-tetrahydro-benzothiazole, 4,5,6,7-tetrahydro-benzooxazole, 4,5,6,7-tetrahydro-5
benzo[c]isothiazole, 4,5,6,7-tetrahydro-benzo[c]isoxazole, 4,5,6,7-tetrahydro-2H-indazole, 4,5,6,7-tetrahydro-2H-isoindole, 4,5,6,7-tetrahydro-1H-indole, 5,6,7,8-tetrahydro-tetrazolo[1,5-a]pyridine, 5,6,7,8-tetrahydro-imidazo[1,2-a]pyridine, 10
4,5,6,7-tetrahydro-pyrazolo[1,5-a]pyridine, 5,6,7,8-tetrahydro-[1,2,4]triazolo[1,5-a]pyridine, 6,7-dihydro-5H-pyrrolo[1,2-c]imidazole, 6,7-dihydro-5H-pyrrolo[1,2-a]imidazole, 6,7-dihydro-5H-pyrrolo[1,2-b][1,2,4]triazole, 6,7-dihydro-5H-pyrrolotetrazole, 15
5,6-dihydro-4H-pyrrolo[1,2-b]pyrazole, 5,6-dihydro-4H-cyclopenta[d]isoxazole, 5,6-dihydro-4H-cyclopentaoxazole, 5,6-dihydro-4H-cyclopenta[c]isoxazole, 5,6-dihydro-4H-cyclopenta[d]isothiazole, 5,6-dihydro-4H-20
cyclopentathiazole, 5,6-dihydro-4H-cyclopenta[c]isothiazole, 1,4,5,6-tetrahydro-cyclopentapyrazole, 1,4,5,6-tetrahydro-cyclopentaimidazole, 2,4,5,6-tetrahydro-cyclopentapyrazole, 5,6-dihydro-4H-25
cyclopenta[1,2,5]thiadiazole, 5,6-dihydro-4H-cyclopenta[1,2,5]oxadiazole, 5,6-dihydro-4H-cyclopenta[c]furan, 2,4,5,6-tetrahydro-cyclopenta[c]pyrrole, 5,6-dihydro-4H-cyclopenta[b]furan, 5,6-dihydro-4H-30
cyclopenta[c]thiophene, 5,6-dihydro-4H-cyclopenta[b]furan, 5,6-dihydro-4H-cyclopenta[b]thiophene, 1,4,5,6-tetrahydro-cyclopenta[b]pyrrole, 2,3-dihydro-1H-indolizin-5-one, 6,7,8,9-tetrahydro-quinolizin-4-one, 1-oxa-35
spiro[4.4]nonane, 1-aza-spiro[4.4]nonane, 2-oxa-spiro[4.4]nonane, 2-aza-spiro[4.4]nonane, 1-aza-

spiro[4.5]decane, 1-oxa-spiro[4.5]decane, 2-oxa-spiro[4.5]decane, 2-aza-spiro[4.5]decane, 1-thia-spiro[4.4]nonane, 1-thia-spiro[4.5]decane, 2-thia-spiro[4.4]nonane, 2-thia-spiro[4.5]decane, 7-oxa-bicyclo[2.2.1]heptane, 2-oxa-bicyclo[2.2.1]heptane, 7-thia-bicyclo[2.2.1]heptane, 2-thia-bicyclo[2.2.1]heptane, 2-aza-bicyclo[2.2.1]heptane, 7-aza-bicyclo[2.2.1]heptane, 4,5,6,7-tetrahydro-benzo[d]isoxazole, 4,5,6,7-tetrahydro-benzooxazole, 4,5,6,7-tetrahydro-benzo[d]isothiazole, 4,5,6,7-tetrahydro-benzothiazole, 4,5,6,7-tetrahydro-1H-indazole, 4,5,6,7-tetrahydro-benzo[c]thiophene, 4,5,6,7-tetrahydro-benzo[b]thiophene, 4,5,6,7-tetrahydro-isobenzofuran, 4,5,6,7-tetrahydro-benzofuran, 5,6,7,8-tetrahydro-quinoxaline, 6,7-dihydro-5H-cyclopentapyrazine, 5,6,7,8-tetrahydro-imidazo[1,5-a]pyridine, 5,6,7,8-tetrahydro-imidazo[1,2-a]pyridine, 5,6,7,8-tetrahydro-[1,2,4]triazolo[1,5-a]pyridine, 5,6,7,8-tetrahydro-tetrazolo[1,5-a]pyridine, 4,5,6,7-tetrahydro-pyrazolo[1,5-a]pyridine, 6,7-dihydro-5H-pyrrolo[1,2-a]imidazole, 6,7-dihydro-5H-pyrrolo[1,2-b][1,2,4]triazole, 5,6-dihydro-4H-pyrrolo[1,2-b]pyrazole, and 6,7-dihydro-5H-pyrrolotetrazole;

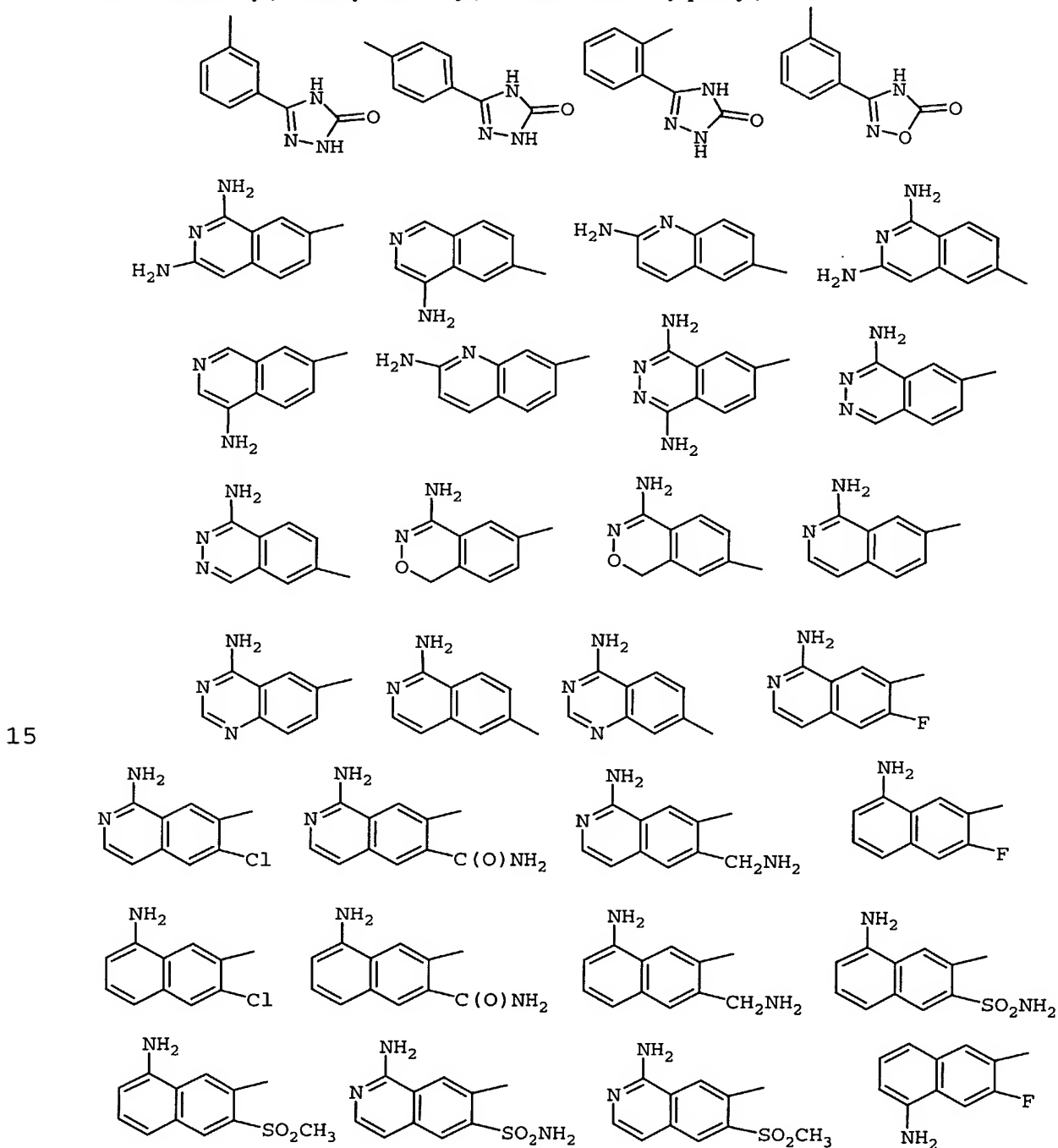
25

ring M is substituted with 0-3 R^{1a} and 0-1 carbonyl group;

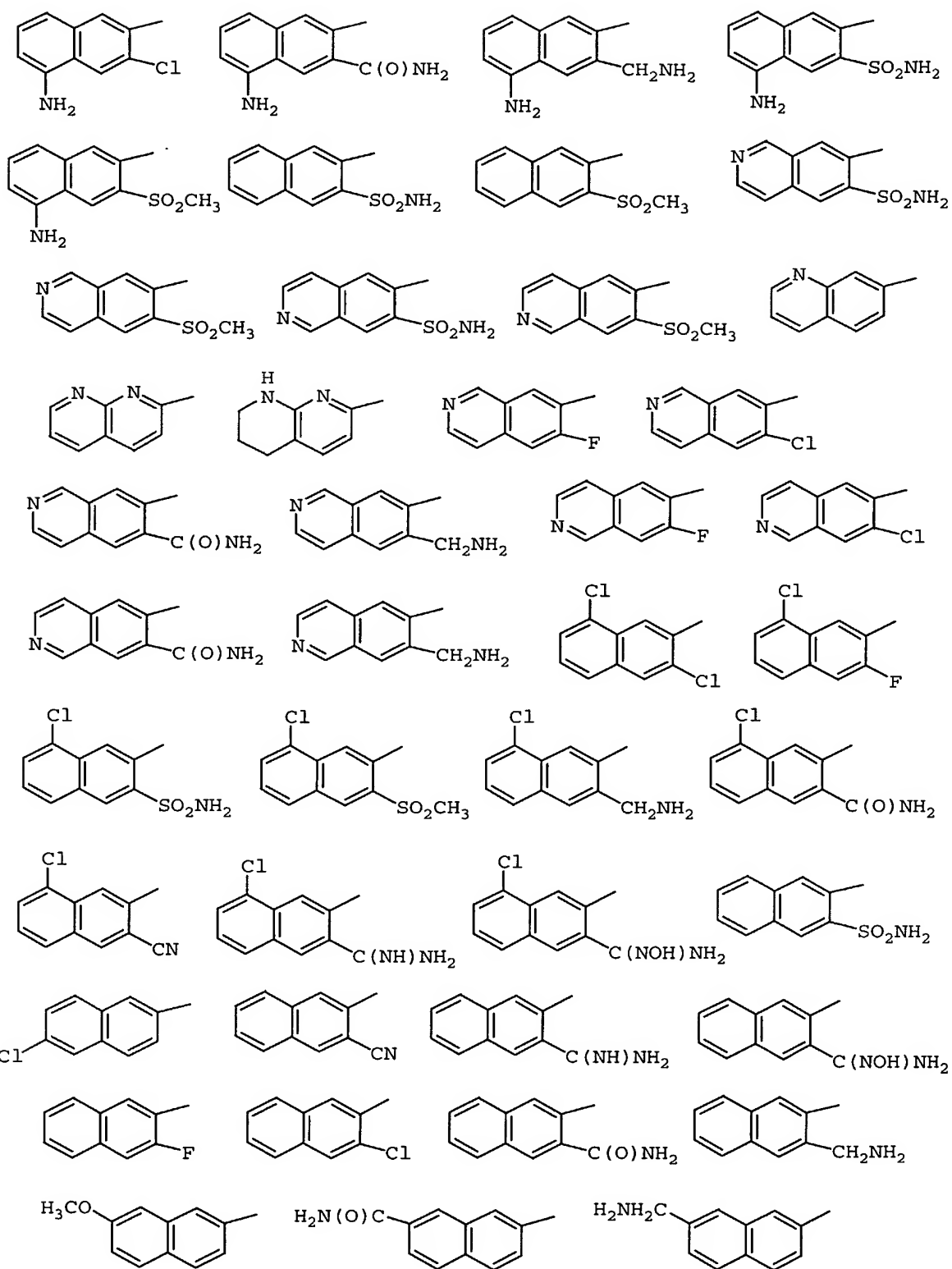
G is selected from the group:

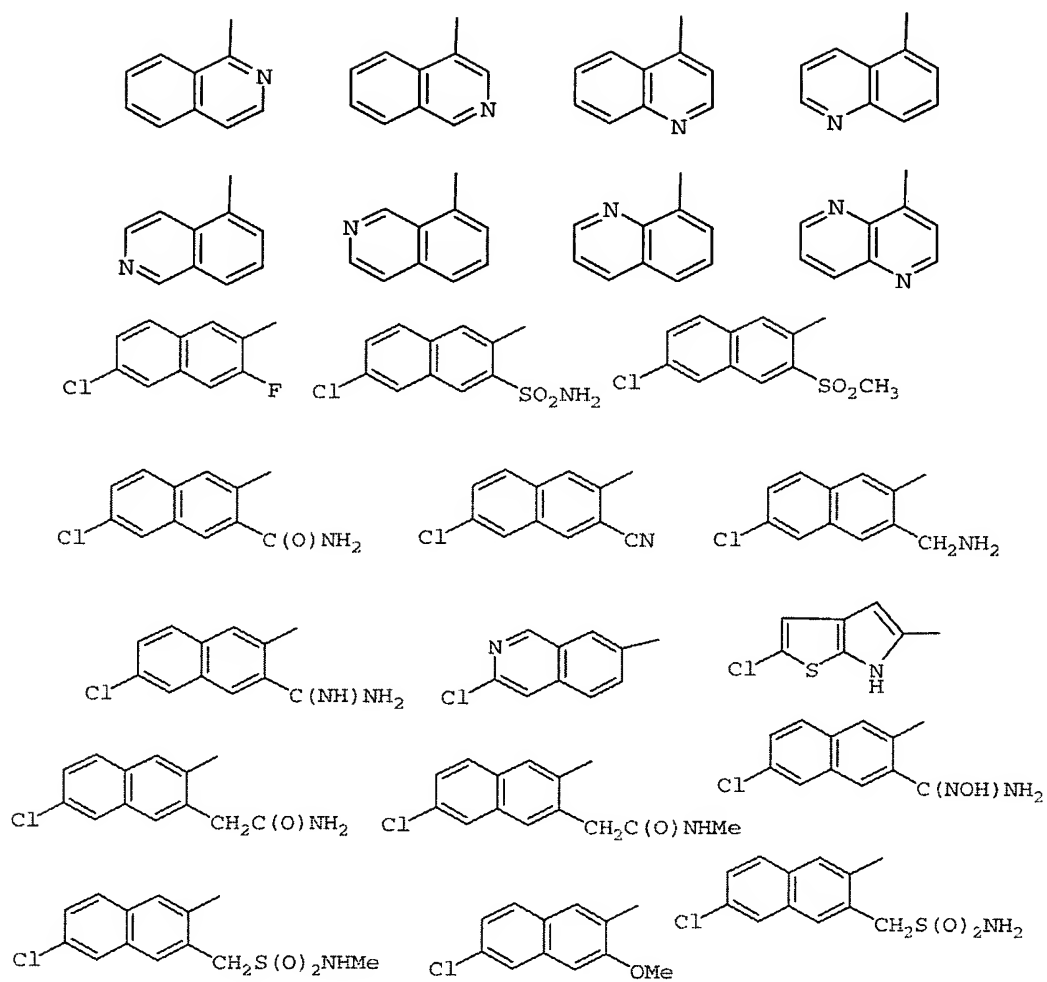
phenyl; 4-ethyl-phenyl; 2,5-bis-aminomethyl-phenyl; 2-amido-4-methoxy-phenyl;
 2-amido-5-chloro-phenyl; 2-amido-phenyl; 2-aminomethyl-3-fluoro-phenyl;
 2-aminomethyl-3-methoxy-phenyl; 2-aminomethyl-4-fluoro-phenyl;
 2-aminomethyl-4-methoxy-phenyl; 2-aminomethyl-5-fluoro-phenyl;
 2-aminomethyl-5-methoxy-phenyl; 2-aminomethyl-6-fluoro-phenyl; 2-aminomethyl-phenyl;
 2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl; 2-aminosulfonyl-phenyl;
 2-hydroxy-4-methoxy-phenyl; 2-methylsulfonyl-phenyl; 3-(N,N-dimethylamino)-4-chloro-phenyl;
 3-(N,N-dimethylamino)-phenyl; 3-(N-hydroxy-amidino)-phenyl; 3-(N-methoxy-amidino)-phenyl;
 3-(N-methylamino)-4-chloro-phenyl; 3-(N-methylamino)-phenyl; 3-amidino-phenyl;
 3-amido-6-hydroxy-phenyl; 3-amido-phenyl; 3-amino-4-chloro-phenyl; 3-aminomethyl-phenyl;
 3-amino-phenyl; 3-chloro-4-fluoro-phenyl; 3-chloro-phenyl; 3-hydroxy-4-methoxy-phenyl; 3,5-dichloro-thien-2-yl; 4-(N,N-dimethylamino)-5-chloro-thien-2-yl;
 4-(N-methylamino)-5-chloro-thien-2-yl; 4-amino-5-chloro-thien-2-yl; 4-amino-pyrid-2-yl;
 4-chloro-3-fluoro-phenyl; 4-chloro-phenyl; 4-chloro-pyrid-2-yl; 4-methoxy-2-methylsulfonyl-phenyl;

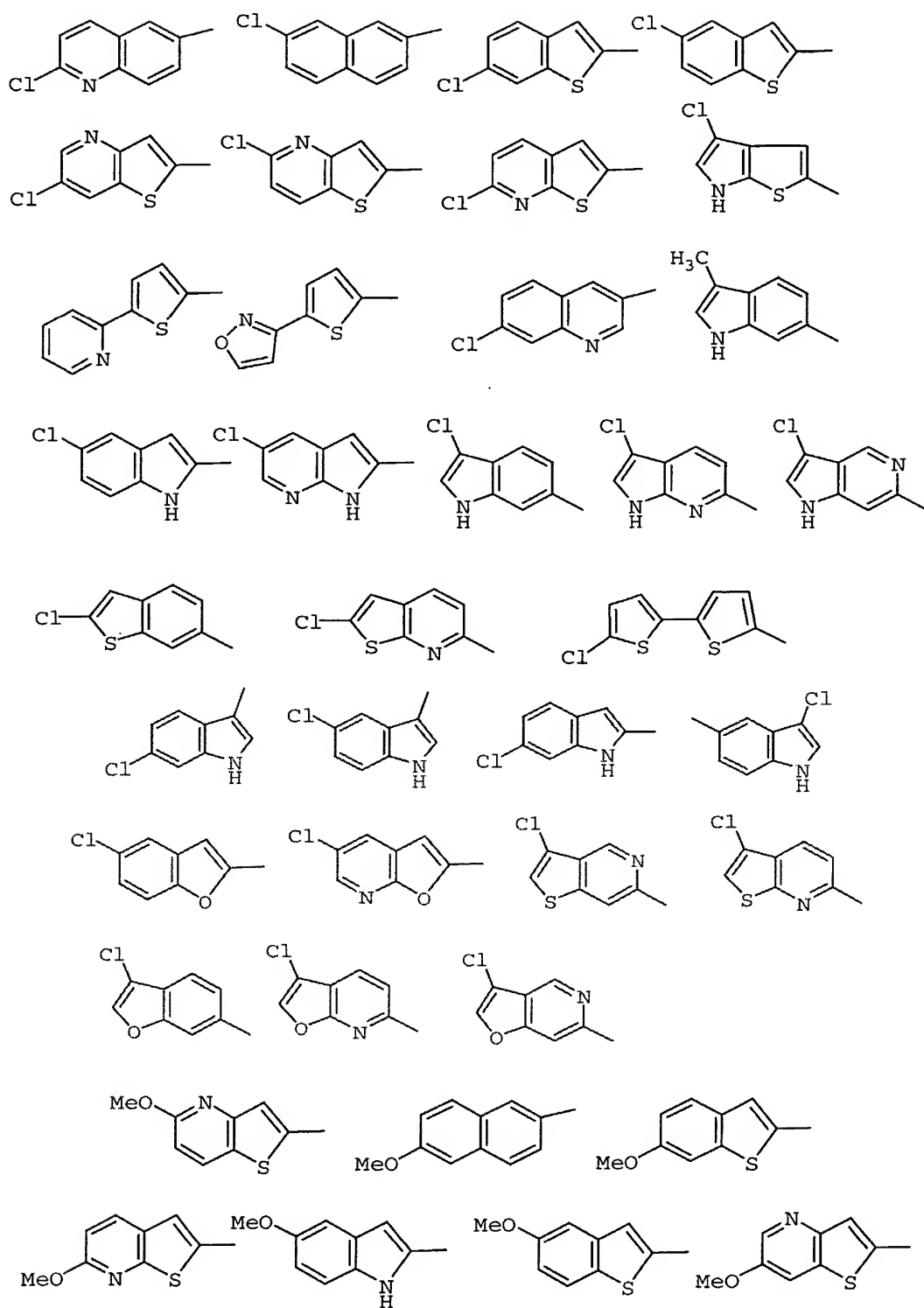
- 4-methoxy-phenyl; 2-methoxy-pyrid-5-yl; 5-(N,N-dimethylamino)-4-chloro-thien-2-yl;
 5-(N-methylamino)-4-chloro-thien-2-yl; 5-amino-4-chloro-thien-2-yl;
 5-chloro-2-aminosulfonyl-phenyl; 5-chloro-2-methylsulfonyl-phenyl; 5-chloro-pyrid-2-yl;
 5-chloro-thien-2-yl; 5-methoxy-thien-2-yl; 6-amino-5-chloro-pyrid-2-yl; 6-amino-pyrid-2-yl; 5-
 5-chloro-pyrimidin-3-yl; 6-chloro-pyridazin-3-yl; 2-aminomethyl-4-chloro-phenyl;
 2-aminosulfonyl-4-chloro-phenyl; 2-amido-4-chloro-phenyl; 4-chloro-2-methylsulfonyl-phenyl;
 2-aminosulfonyl-4-fluoro-phenyl; 2-amido-4-fluoro-phenyl; 4-fluoro-2-methylsulfonyl-phenyl;
 2-aminomethyl-4-bromo-phenyl; 2-aminosulfonyl-4-bromo-phenyl; 2-amido-4-bromo-phenyl;
 4-bromo-2-methylsulfonyl-phenyl; 2-aminomethyl-4-methyl-phenyl;
 2-aminosulfonyl-4-methyl-phenyl; 2-amido-4-methyl-phenyl; 2-methylsulfonyl-4-methyl-phenyl;
 4-fluoro-pyrid-2-yl; 4-bromo-pyrid-2-yl; 4-methyl-pyrid-2-yl; 5-fluoro-thien-2-yl;
 5-bromo-thien-2-yl; 5-methyl-thien-2-yl; 2-amido-4-methoxy-phenyl;

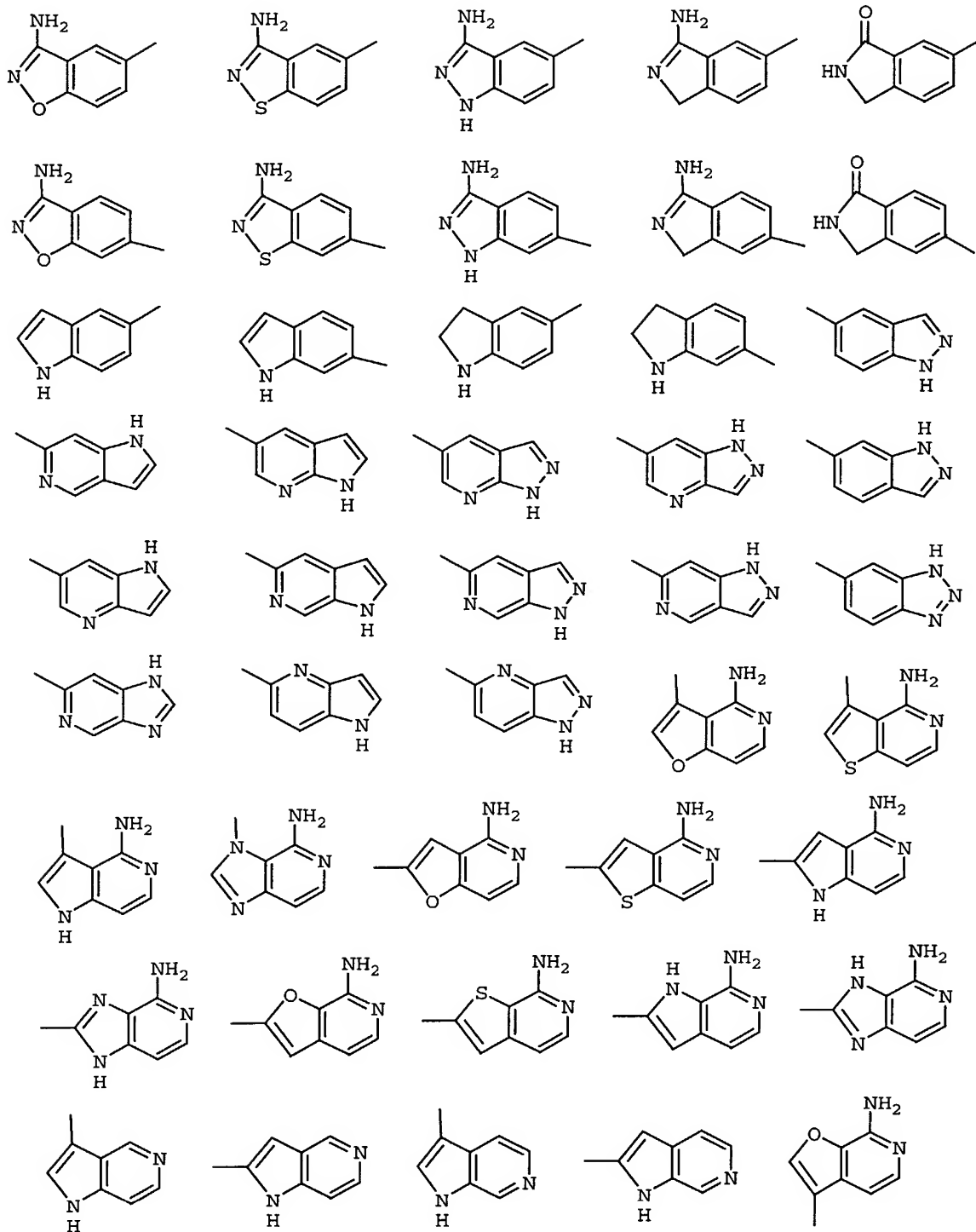


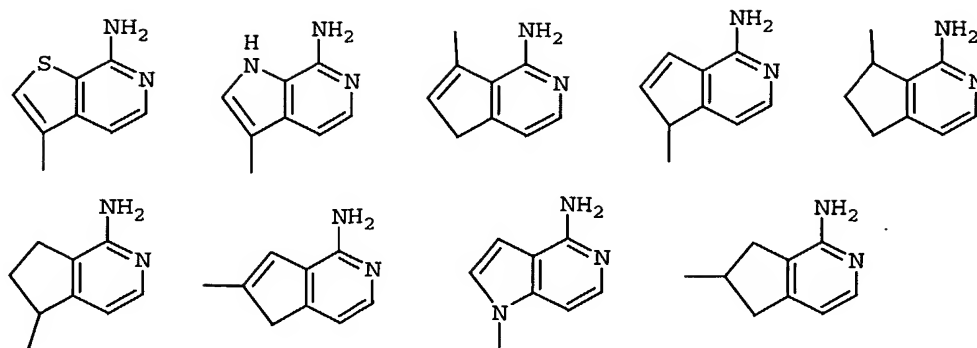
5











G_1 is absent or is selected from $(CR^3R^3a)_{1-3}$, $CR^3=CR^3$,

$(CR^3R^3a)_u C(O)(CR^3R^3a)_w$, $(CR^3R^3a)_u O(CR^3R^3a)_w$,

5 $(CR^3R^3a)_u NR^{3b}(CR^3R^3a)_w$, $(CR^3R^3a)_u C(O)NR^{3b}(CR^3R^3a)_w$,

$(CR^3R^3a)_u NR^{3b}C(O)(CR^3R^3a)_w$,

$(CR^3R^3a)_u NR^{3b}C(O)(CR^3R^3a)_u C(O)NR^{3b}(CR^3R^3a)_w$,

$(CR^3R^3a)_u S(CR^3R^3a)_w$, $(CR^3R^3a)_u S(O)(CR^3R^3a)_w$,

$(CR^3R^3a)_u S(O)_2(CR^3R^3a)_w$, $(CR^3R^3a)_u S(O)NR^{3b}(CR^3R^3a)_w$,

10 $(CR^3R^3a)_u NR^{3b}S(O)_2(CR^3R^3a)_w$, $(CR^3R^3a)_u S(O)_2NR^{3b}(CR^3R^3a)_w$,

$(CR^3R^3a)_u C(O)NR^{3b}S(O)_2(CR^3R^3a)_w$,

$(CR^3R^3a)_u NR^{3b}C(S)(CR^3R^3a)_u C(O)NR^{3b}(CR^3R^3a)_w$, and

$(CR^3R^3a)_u NR^{3b}C(O)(CR^3R^3a)_u C(S)NR^{3b}(CR^3R^3a)_w$, wherein u

+ w total 0, 1, or 2, provided that G_1 does not form a

15 N-S, NCH_2N , NCH_2O , or NCH_2S bond with either group to which it is attached;

A is selected from one of the following carbocycles and heterocycles which are substituted with 0-2 R^4 ;

20 cyclohexyl, phenyl, piperidinyl, piperazinyl, pyridyl, pyrimidyl, furanyl, morpholinyl, thienyl, pyrrolyl, pyrrolidinyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, pyrazolyl, imidazolyl, 1,2,3-oxadiazolyl, 1,2,4-oxadiazolyl, 1,2,5-oxadiazolyl, 1,3,4-oxadiazolyl, 1,2,3-thiadiazolyl, 1,2,4-thiadiazolyl, 1,2,5-thiadiazolyl, 1,3,4-thiadiazolyl,

25

1,2,3-triazolyl, 1,2,4-triazolyl, 1,2,5-triazolyl,
1,3,4-triazolyl, benzofuranyl, benzothiofuranyl,
indolyl, indolyl, benzimidazolyl, benzoxazolyl,
benzthiazolyl, indazolyl, benzisoxazolyl,
5 benzisothiazolyl, and isoindazolyl;

X is selected from $-(CR^2R^{2a})_{1-2}-$, $-C(O)-$, $-S(O)_2-$,
 $-NR^2S(O)_2-$, $-NR^2S(O)_2NR^2-$, $-NR^2C(O)-$, $-C(O)NR^2-$, NR^2 ,
10 $-NR^2CR^2R^{2a}-$, $-CR^2R^{2a}NR^2-$, O, $-OCR^2R^{2a}-$, and $-CR^2R^{2a}O-$;

10

Y is a C_{3-6} monocyclic carbocycle or 5-6 membered monocyclic
heterocycle, wherein the carbocycle or heterocycle
consists of carbon atoms and 0-2 heteroatoms selected
from N, O, and $S(O)_p$, the carbocycle or heterocycle
15 further comprises 0-1 double bonds and 0-1 carbonyl
groups, and the carbocycle or heterocycle is
substituted with 0-2 R^4 ;

alternatively, Y is CY^1Y^2 , and Y^1 and Y^2 are independently
20 C_{1-2} alkyl substituted with 0-1 R^4 ;

R^{1a} , at each occurrence, is selected from H, R^{1b} ,
 $CH(CH_3)R^{1b}$, $C(CH_3)_2R^{1b}$, CH_2R^{1b} , and $CH_2CH_2R^{1b}$, provided
that R^{1a} forms other than an N-halo, N-S, or N-CN bond;

25

alternatively, when two R^{1a} groups are attached to adjacent
atoms or to the same carbon atom, together with the
atoms to which they are attached, they form a 5-6
membered ring consisting of: carbon atoms and 0-2
30 heteroatoms selected from the group consisting of N,
O, and $S(O)_p$, this ring being substituted with 0-2 R^{4b}
and comprising: 0-3 double bonds;

R^{1b} is selected from H, CH_3 , CH_2CH_3 , F, Cl, Br, -CN, -CHO, CF_3 , OR^2 , NR^2R^{2a} , $C(O)R^{2b}$, CO_2R^{2b} , $OC(O)R^2$, CO_2R^{2a} , $S(O)_pR^2$, $NR^2(CH_2)_rOR^2$, $NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $NR^2SO_2R^2$, C_{3-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted with 0-2 R^{4b} , provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

10

R^2 , at each occurrence, is selected from H, CF_3 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, phenyl substituted with 0-2 R^{4b} , benzyl substituted with 0-2 R^{4b} , and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$;

15

R^{2a} , at each occurrence, is selected from H, CF_3 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl, C_{3-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$;

20

R^{2b} , at each occurrence, is selected from CF_3 , C_{1-4} alkoxy, C_{1-5} alkyl substituted with 0-3 R^{4b} , benzyl, C_{3-6} carbocycle substituted with 0-2 R^{4b} , and 4-6 membered substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$;

25
30

R^{2c} , at each occurrence, is selected from CF_3 , OH, OCH_3 , OCH_2CH_3 , $OCH_2CH_2CH_3$, $OCH(CH_3)_2$, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$,

CH(CH₃)₂, benzyl, phenyl substituted with 0-2 R^{4b}, and
5 5-6 membered aromatic heterocycle substituted with 0-2
R^{4b} and consisting of carbon atoms and from 1-4
heteroatoms selected from the group consisting of N,
O, and S(O)_p;

alternatively, R² and R^{2a}, together with the nitrogen atom
to which they are attached, combine to form a 3-6
10 membered saturated, partially saturated or unsaturated
ring substituted with 0-2 R^{4b} and consisting of: 0-1
additional heteroatoms selected from the group
consisting of N, O, and S(O)_p;

R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl
15 substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted
with 0-2 R^{4c}, -(CR³R^{3a})-C₃₋₆ carbocycle substituted with
0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2
R^{4c} and consisting of: carbon atoms and 1-4
heteroatoms selected from the group consisting of N,
20 O, and S(O)_p, and -(CR³R^{3a})-5-6 membered heterocycle
substituted with 0-2 R^{4c} and consisting of: carbon
atoms and 1-4 heteroatoms selected from the group
consisting of N, O, and S(O)_p, provided that R^{2d} forms
other than a N-halo, N-C-halo, S(O)_p-halo, O-halo, N-
25 S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

R^{2e}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl
substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted
with 0-2 R^{4c}, -(CR³R^{3a})-C₃₋₆ carbocycle substituted with
30 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2
R^{4c} consisting of: carbon atoms and 1-4 heteroatoms
selected from the group consisting of N, O, and S(O)_p,
and -(CR³R^{3a})-5-6 membered heterocycle substituted with
0-2 R^{4c} and consisting of: carbon atoms and 1-4

heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2e} forms other than a C(O)-halo or C(O)-S(O)_p moiety;

5 R⁴, at each occurrence, is selected from H, (CH₂)₂OR², CH₂OR², OR², F, Cl, Br, I, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, -CN, NO₂, NR²R^{2a}, CH₂NR²R^{2a}, (CH₂)₂NR²R^{2a}, C(O)R^{2c}, NR²C(O)R^{2b}, C(O)NR²R^{2a}, SO₂NR²R^{2a}, CF₃, and
10 CF₂CF₃;

R^{4a} is selected from -(CR³R^{3g})_r-5-6 membered carbocycle substituted with 0-3 R^{4c}, -(CR³R^{3g})_r-5-6 membered heterocycle substituted with 0-3 R^{4c} and consisting of:
15 carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, (CR³R^{3g})_rNR^{2d}R^{2d}, (CR³R^{3g})_rN(→O)R^{2d}R^{2d}, (CR³R^{3g})_rOR^{2d}, (CR³R^{3g})_r-NR^{2d}C(O)R^{2e}, (CR³R^{3g})_r-C(O)R^{2e}, (CR³R^{3g})_r-OC(O)R^{2e}, (CR³R^{3g})_r-C(O)NR^{2d}R^{2d},
20 (CR³R^{3g})_r-C(O)OR^{2d}, (CR³R^{3g})_r-NR^{2d}C(O)NR^{2d}R^{2d}, (CR³R^{3g})_r-NR^{2d}C(O)OR^{2d}, (CR³R^{3g})_r-SO₂NR^{2d}R^{2d}, (CR³R^{3g})_r-NR^{2d}SO₂R^{2d}, and (CR³R^{3g})_r-S(O)_pR^{2d}, provided that S(O)_pR^{2d} forms other than S(O)₂H or S(O)H;

25 R^{4b}, at each occurrence, is selected from H, =O, OR³, CH₂OR³, F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, -CN, NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, CH₂-C(O)R³, C(O)OR^{3c}, CH₂-C(O)OR^{3c}, NR³C(O)R^{3a}, CH₂NR³C(O)R^{3a}, C(O)NR³R^{3a}, CH₂-C(O)NR³R^{3a}, SO₂NR³R^{3a}, CH₂SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, CH₂NR³SO₂-C₁₋₄ alkyl, NR³SO₂-phenyl, CH₂NR³SO₂-phenyl,
30 S(O)_pCF₃, CH₂S(O)_pCF₃, S(O)_p-C₁₋₄ alkyl, CH₂S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, CH₂S(O)_p-phenyl, and CF₃;

R^{4c} , at each occurrence, is selected from =O, OR^2 ,
 $(CR^3R^{3a})OR^2$, F, $(CR^3R^{3a})F$, Br, $(CR^3R^{3a})Br$, Cl,
 $(CR^3R^{3a})Cl$, CF_3 , $(CR^3R^{3a})CF_3$, C_{1-4} alkyl, C_{2-3} alkenyl,
5 C_{2-3} alkynyl, -CN, $(CR^3R^{3a})CN$, NO_2 , $(CR^3R^{3a})NO_2$, NR^2R^{2a} ,
 $(CR^3R^{3a})NR^2R^{2a}$, $N(\rightarrow O)R^2R^{2a}$, $(CR^3R^{3a})N(\rightarrow O)R^2R^{2a}$, $C(O)R^{2c}$,
 $(CR^3R^{3a})C(O)R^{2c}$, $NR^2C(O)R^{2b}$, $(CR^3R^{3a})NR^2C(O)R^{2b}$,
 $C(O)NR^2R^{2a}$, $(CR^3R^{3a})C(O)NR^2R^{2a}$, $NR^2C(O)NR^2R^{2a}$,
 $(CR^3R^{3a})NR^2C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $(CR^3R^{3a})SO_2NR^2R^{2a}$,
10 $NR^2SO_2NR^2R^{2a}$, $(CR^3R^{3a})NR^2SO_2NR^2R^{2a}$, $NR^2SO_2R^{5a}$,
 $(CR^3R^{3a})NR^2SO_2R^{5a}$, $S(O)_pR^{5a}$, $(CR^3R^{3a})S(O)_pR^{5a}$, CF_3 ,
 CF_2CF_3 , C_{3-10} carbocycle substituted with 0-2 R^{4b} ,
 $(CR^3R^{3a})C_{3-10}$ carbocycle substituted with 0-2 R^{4b} , 5-10
membered heterocycle substituted with 0-2 R^{4b} and
15 consisting of carbon atoms and from 1-4 heteroatoms
selected from the group consisting of N, O, and $S(O)_p$,
and (CR^3R^{3a}) 5-10 membered heterocycle substituted with
0-2 R^{4b} and consisting of carbon atoms and from 1-4
heteroatoms selected from the group consisting of N,
20 O, and $S(O)_p$;

R^5 , at each occurrence, is selected from H, =O, CH_3 , CH_2CH_3 ,
 $CH_2CH_2CH_3$, $CH(CH_3)_2$, OR^3 , CH_2OR^3 , F, Cl, -CN, NO_2 ,
 NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$, $CH_2C(O)R^3$, $C(O)OR^{3c}$,
25 $CH_2C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $SO_2NR^3R^{3a}$,
 $NR^3SO_2-C_{1-4}$ alkyl, $NR^3SO_2CF_3$, NR^3SO_2 -phenyl, $S(O)_pCF_3$,
 $S(O)_p-C_{1-4}$ alkyl, $S(O)_p$ -phenyl, CF_3 , phenyl substituted
with 0-2 R^6 , naphthyl substituted with 0-2 R^6 , and
benzyl substituted with 0-2 R^6 ;

30

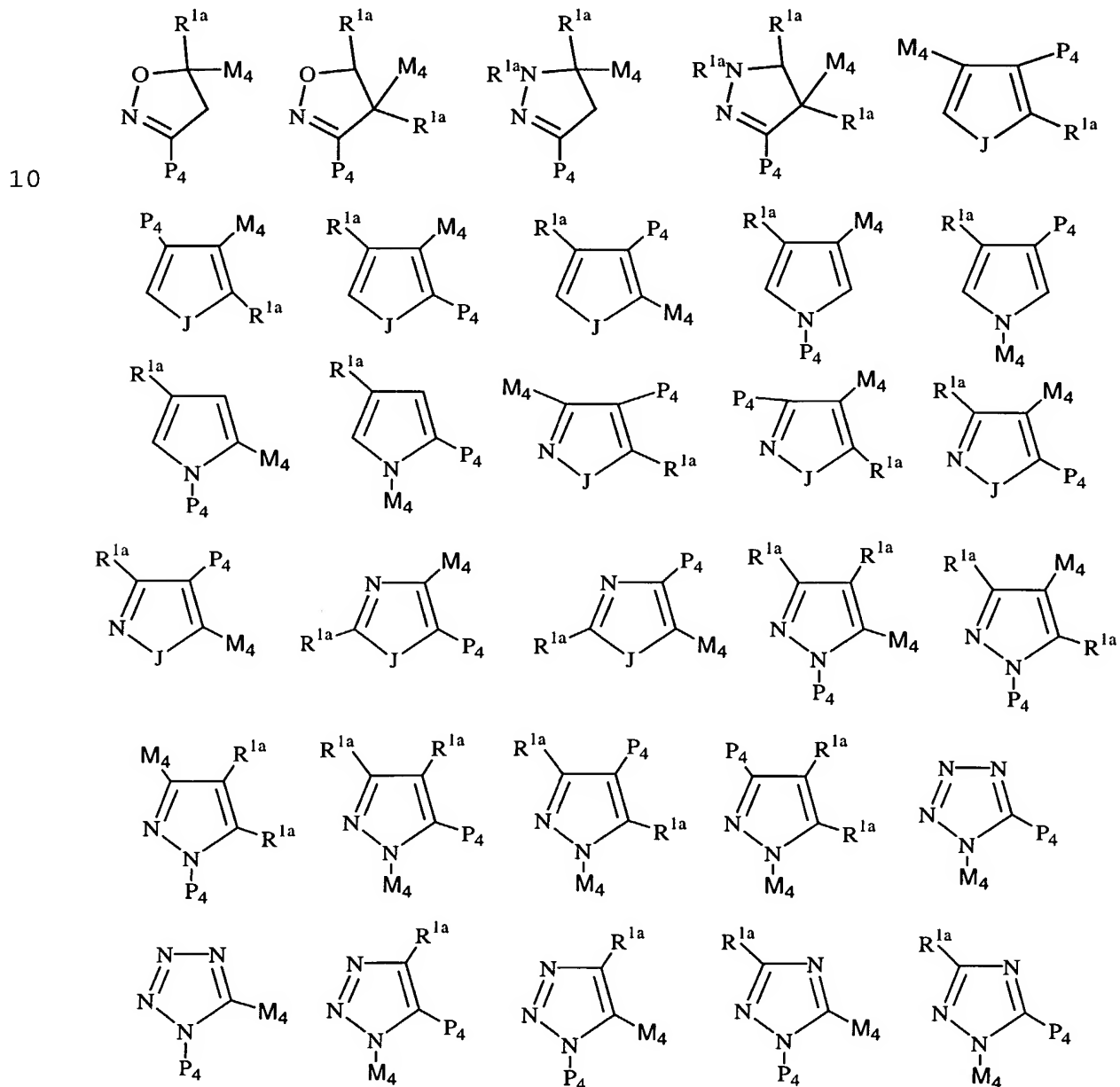
R^6 , at each occurrence, is selected from H, OH, OR^2 , F, Cl,
 CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, -CN, NO_2 , NR^2R^{2a} ,

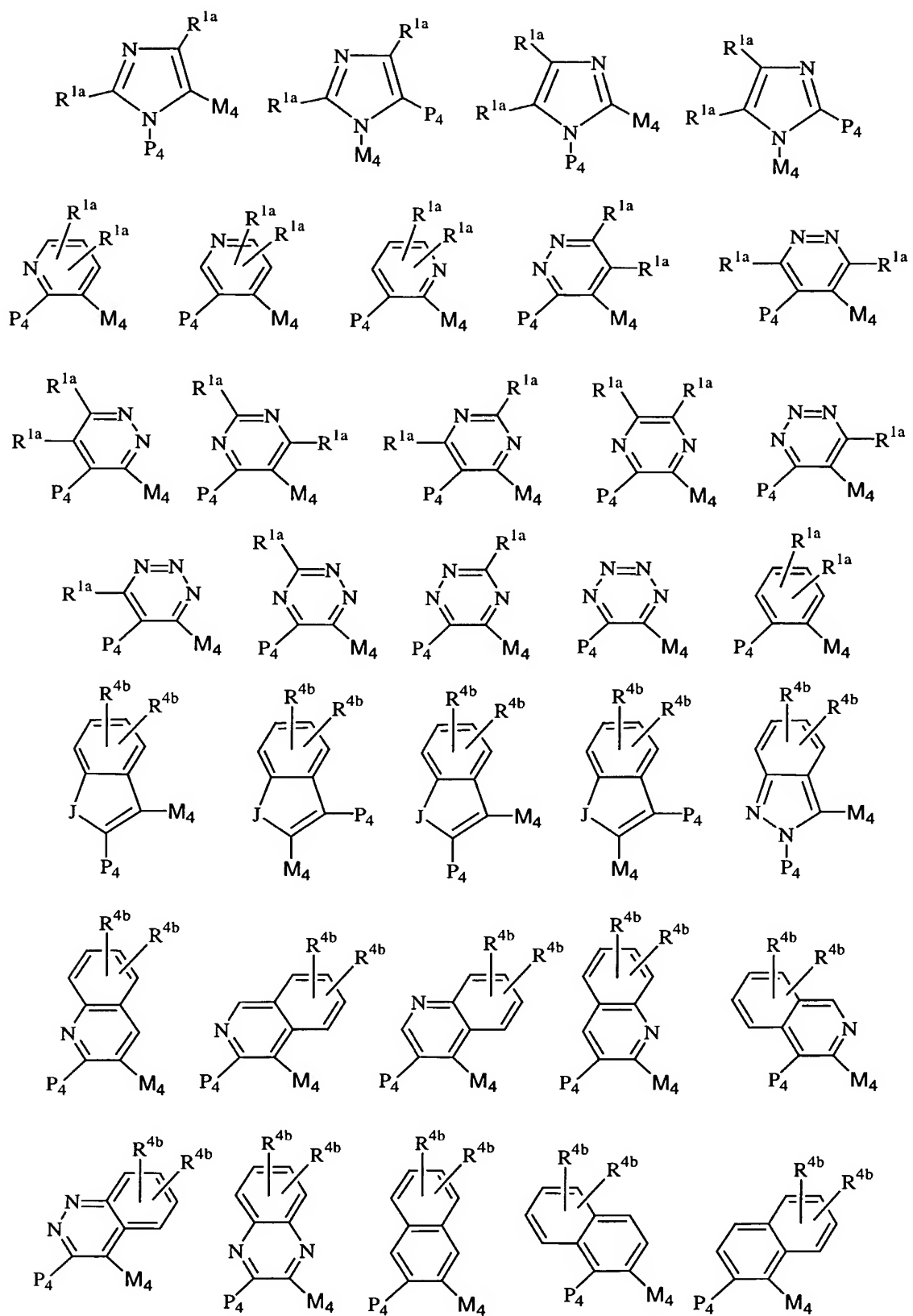
$\text{CH}_2\text{NR}^2\text{R}^{2a}$, $\text{C}(\text{O})\text{R}^{2b}$, $\text{CH}_2\text{C}(\text{O})\text{R}^{2b}$, $\text{NR}^2\text{C}(\text{O})\text{R}^{2b}$, $\text{SO}_2\text{NR}^2\text{R}^{2a}$,
and $\text{NR}^2\text{SO}_2\text{C}_{1-4}$ alkyl; and,

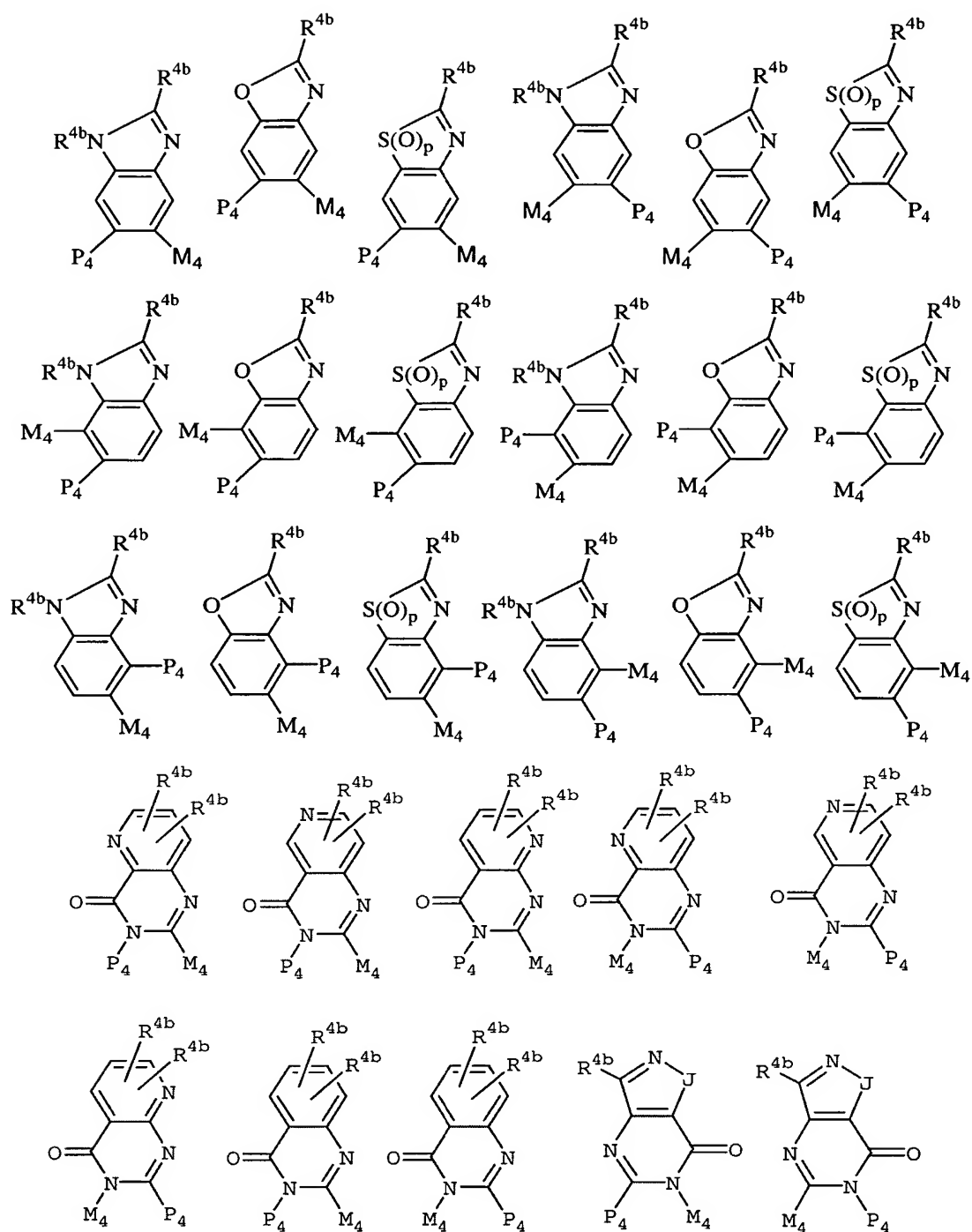
r , at each occurrence, is selected from 0, 1, and 2.

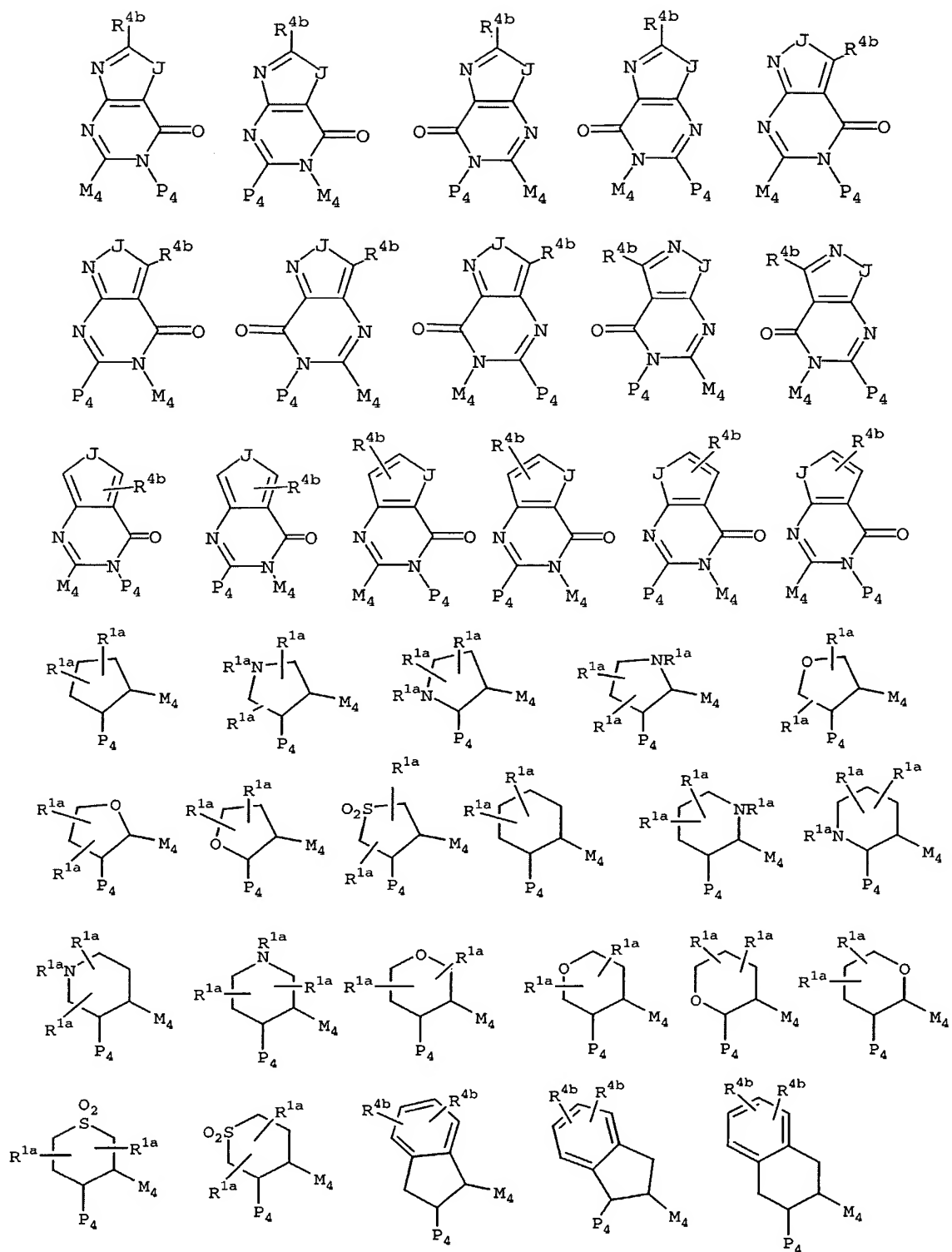
5

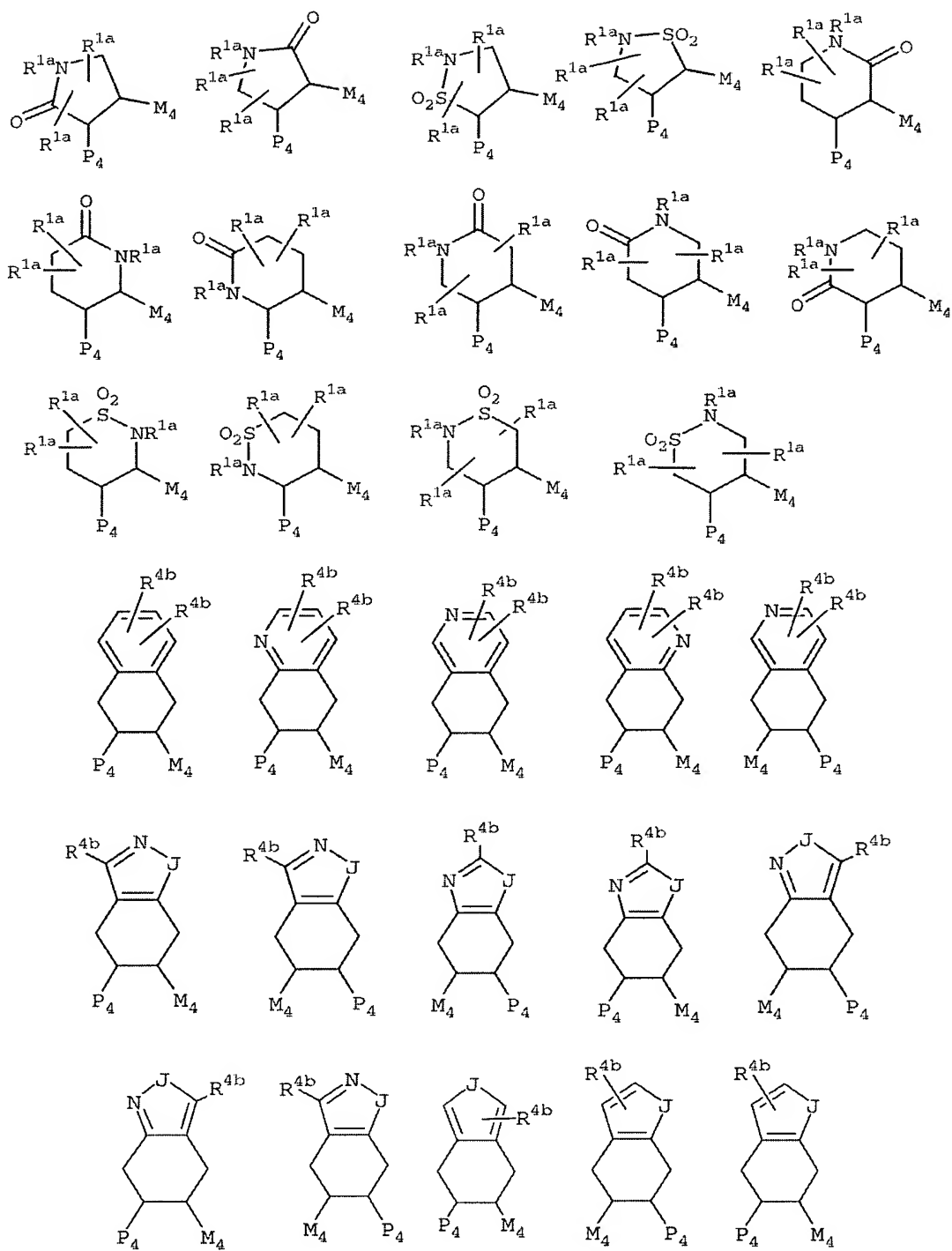
11. A compound according to Claim 10, wherein: the compound is selected from:

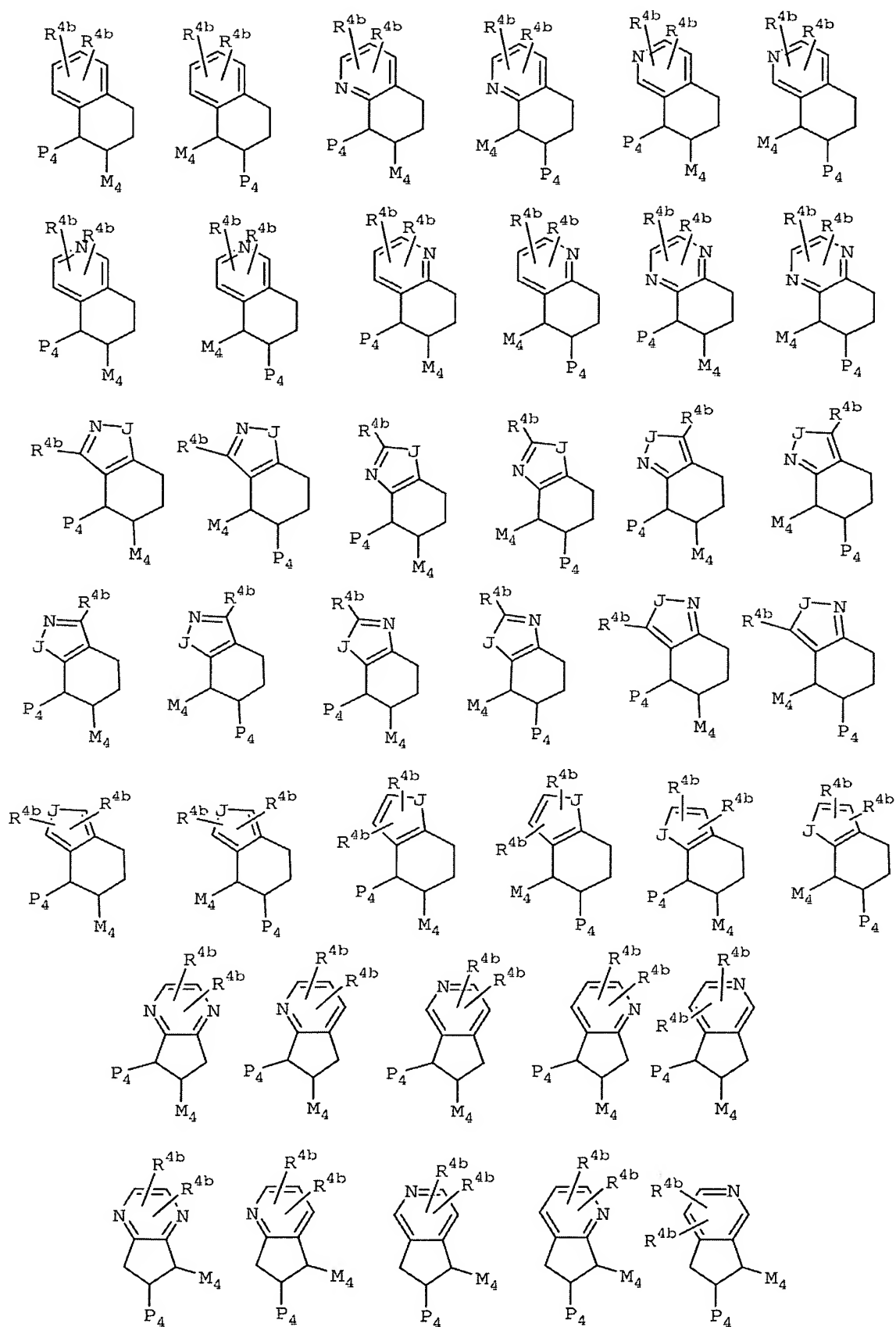


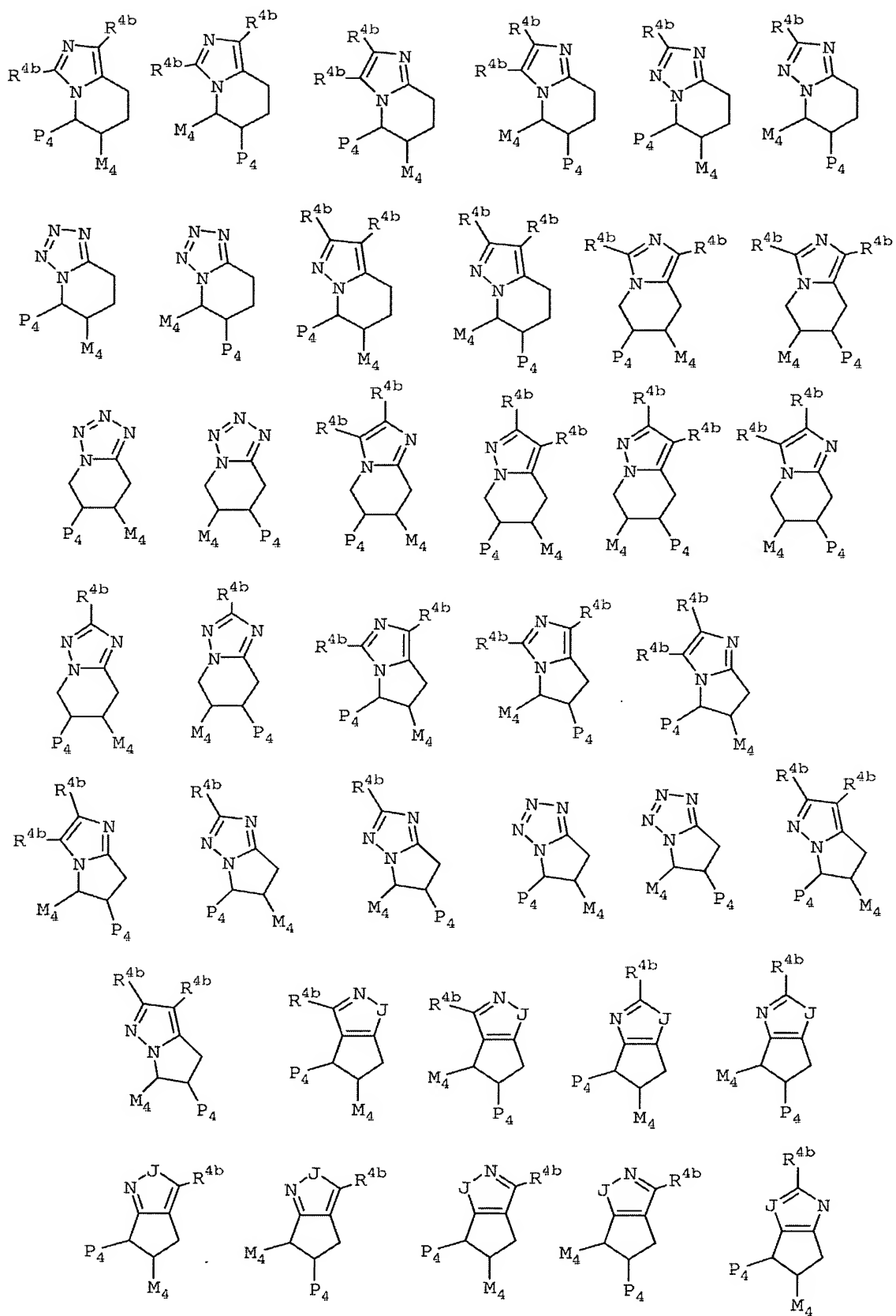


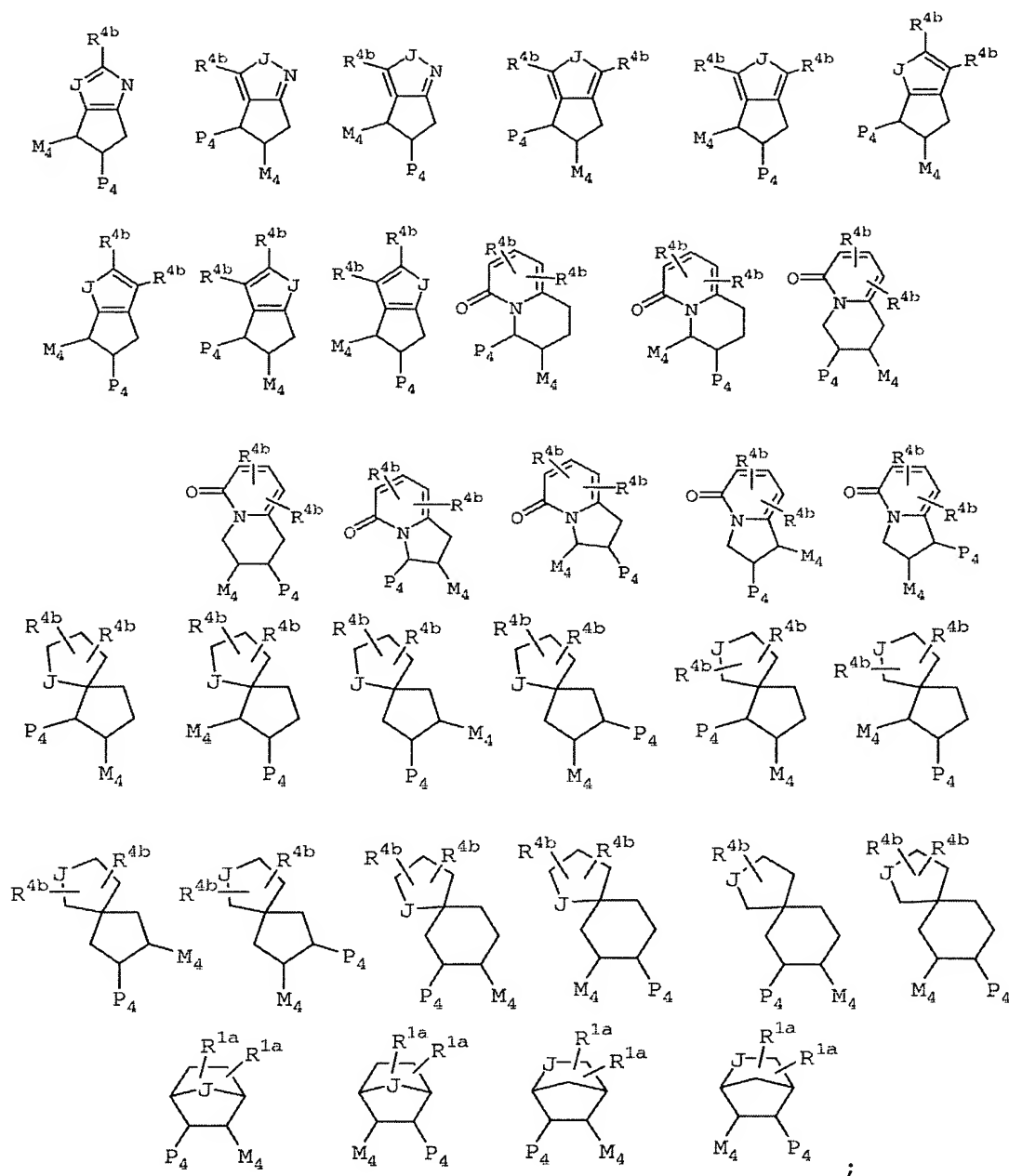










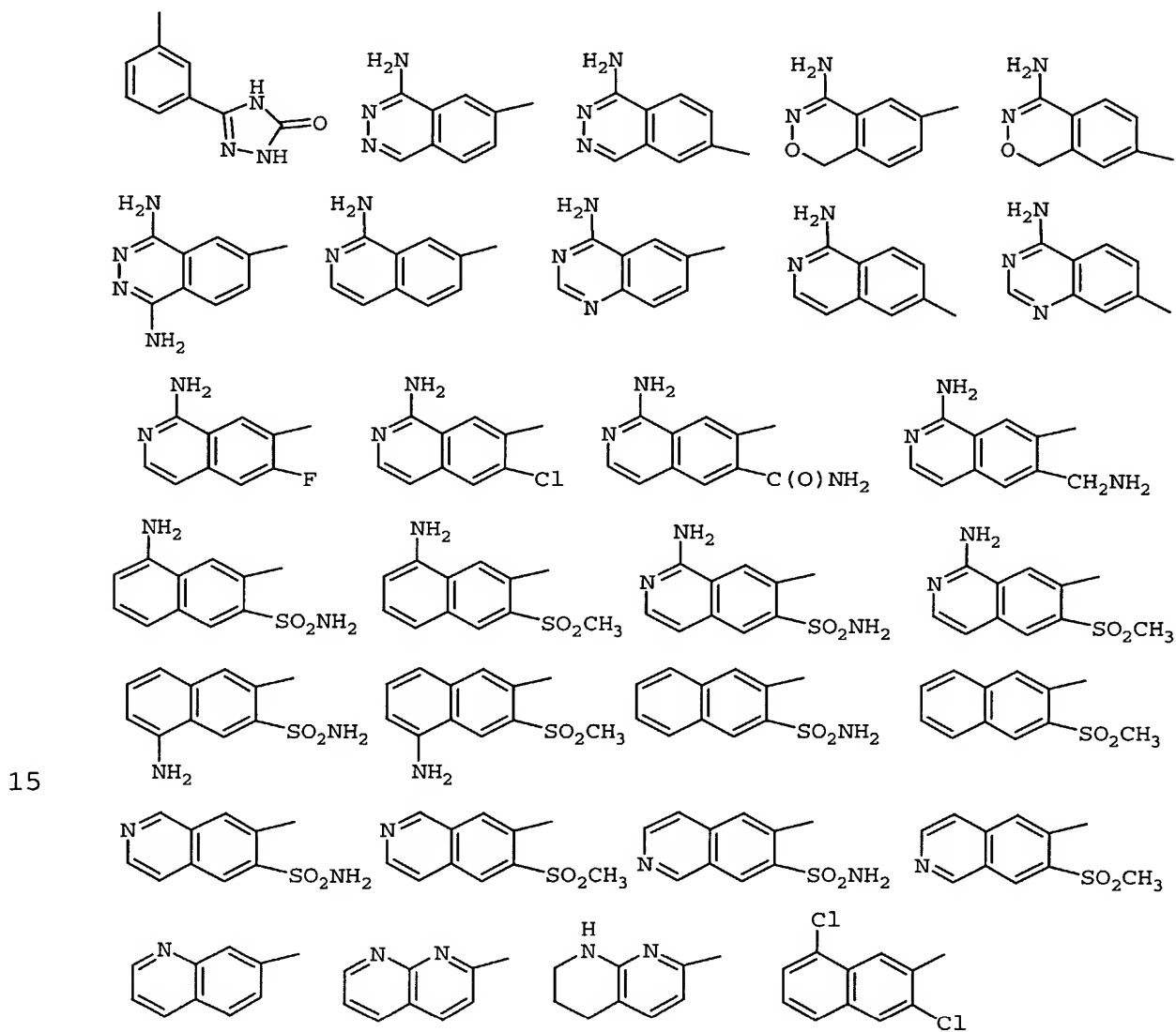


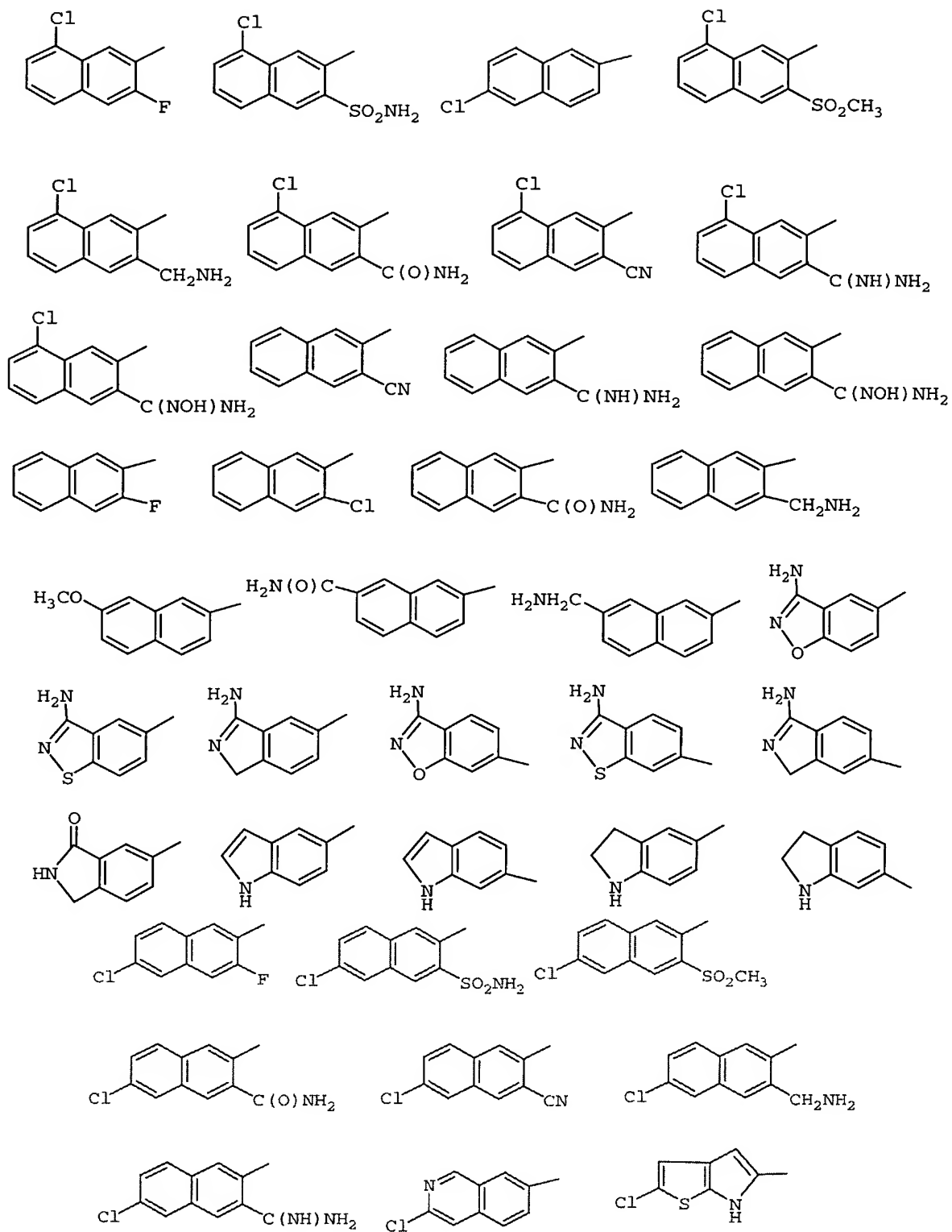
5 J is selected from O, S, NH, and NR^{1a};

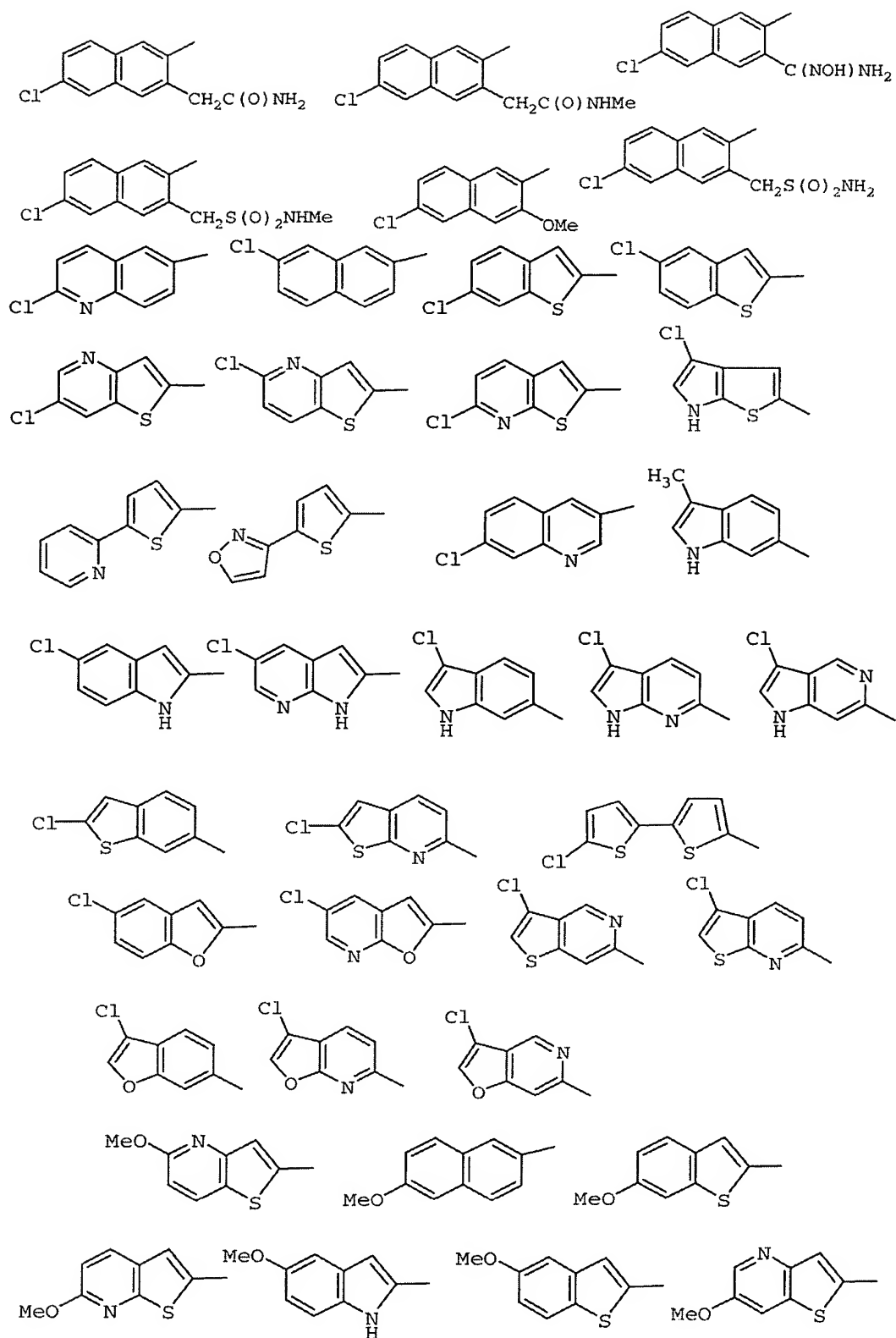
G is selected from the group:

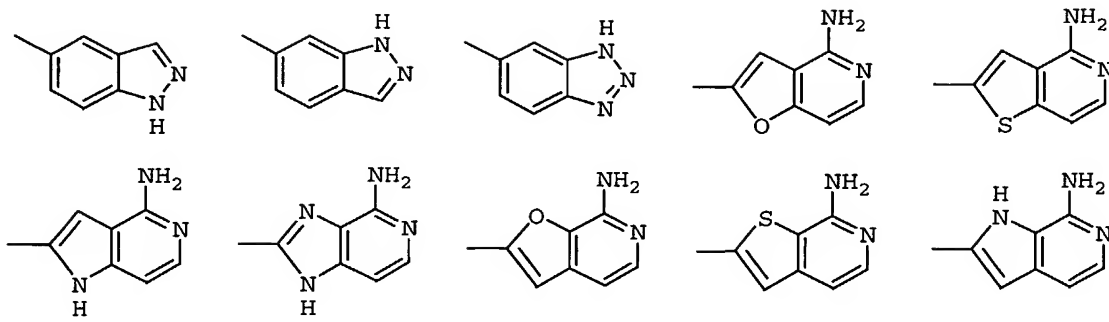
- 2-amido-4-methoxy-phenyl; 2-amido-phenyl; 2-aminomethyl-3-fluoro-phenyl;
 2-aminomethyl-4-fluoro-phenyl; 2-aminomethyl-4-methoxy-phenyl; 2-aminomethyl-5-fluoro-phenyl;
 10 2-aminomethyl-5-methoxy-phenyl; 2-aminomethyl-6-fluoro-phenyl; 2-aminomethyl-phenyl;
 2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl; 2-aminosulfonyl-phenyl;
 2-methylsulfonyl-phenyl; 3-(N,N-dimethylamino)-4-chloro-phenyl; 3-(N,N-dimethylamino)-phenyl;
 3-(N-methylamino)-4-chloro-phenyl; 3-(N-methylamino)-phenyl; 3-amido-phenyl;
 3-amino-4-chloro-phenyl; 3-aminomethyl-phenyl; 3-amino-phenyl; 3-chloro-phenyl; 3,5-dichloro-
 15 thien-2-yl; 4-(N,N-dimethylamino)-5-chloro-thien-2-yl; 4-(N-methylamino)-5-chloro-thien-2-yl;
 4-amino-5-chloro-thien-2-yl; 4-chloro-phenyl; 4-methoxy-2-methylsulfonyl-phenyl;
 4-methoxy-phenyl; 5-(N,N-dimethylamino)-4-chloro-thien-2-yl;

- 5-(N-methylamino)-4-chloro-thien-2-yl; 5-amino-4-chloro-thien-2-yl; 5-chloro-pyrid-2-yl;
 5-chloro-thien-2-yl; 5-methoxy-thien-2-yl; 6-amino-5-chloro-pyrid-2-yl; 6-amino-pyrid-2-yl; 5-
 chloro-pyrimidin-3-yl; 6-chloro-pyridazin-3-yl; 2-aminomethyl-4-chloro-phenyl;
 2-aminosulfonyl-4-chloro-phenyl; 2-amido-4-chloro-phenyl; 4-chloro-2-methylsulfonyl-phenyl;
 5 2-aminosulfonyl-4-fluoro-phenyl; 2-amido-4-fluoro-phenyl; 4-fluoro-2-methylsulfonyl-phenyl;
 2-aminomethyl-4-bromo-phenyl; 2-aminosulfonyl-4-bromo-phenyl; 2-amido-4-bromo-phenyl;
 4-bromo-2-methylsulfonyl-phenyl; 2-aminomethyl-4-methyl-phenyl;
 2-aminosulfonyl-4-methyl-phenyl; 2-amido-4-methyl-phenyl; 2-methylsulfonyl-4-methyl-phenyl;
 10 4-fluoro-pyrid-2-yl; 4-bromo-pyrid-2-yl; 4-methyl-pyrid-2-yl; 5-fluoro-thien-2-yl;
 5-bromo-thien-2-yl; 5-methyl-thien-2-yl; 2-amido-4-methoxy-phenyl;









G_1 is absent or is selected from CH_2 , CH_2CH_2 , $CH=CH$, CH_2O ,

OCH_2 , NH , CH_2NH , $NHCH_2$, $CH_2C(O)$, $C(O)CH_2$, $C(O)NH$,

5 $NHC(O)$, $NHC(O)NH$, $C(O)NHS(O)_2$, $NHCOCONH$, $NHCOC(S)NH$,

$NHC(S)CONH$, $CH_2S(O)_2$, $S(O)_2(CH_2)$, SO_2NH , and $NHSO_2$,

provided that G_1 does not form a N-S, NCH_2N , NCH_2O , or NCH_2S bond with either group to which it is attached;

10 A is selected from cyclohexyl, indoliny, piperidiny, phenyl, pyridyl, and pyrimidyl, and is substituted with 0-2 R^4 ;

X is selected from CH_2 , $C(O)$, $-S(O)_2-$, $-NHC(O)-$, $-C(O)NH-$,

15 $-CH_2NH-$, O, and $-CH_2O-$;

Y is selected from $C(CH_3)_2$, $C(CH_2CH_3)_2$, cyclopropyl, cyclobutyl, cyclopentyl, cyclopentanonyl, cyclohexyl, cyclohexanonyl, pyrrolidinyl, pyrrolidinonyl, 20 piperidiny, piperidinonyl, tetrahydrofuranyl, and tetrahydropyranyl, and, when Y is a ring, Y is substituted with 0-1 R^4 ;

R^{1a} , at each occurrence, is selected from H, R^{1b} ,

25 $CH(CH_3)R^{1b}$, $C(CH_3)_2R^{1b}$, and CH_2R^{1b} , provided that R^{1a} forms other than an N-halo, N-S, or N-CN bond;

- R^{1b} is selected from CH_3 , CH_2CH_3 , F, Cl, Br, $-CN$, CF_3 , OR^2 , NR^2R^{2a} , $C(O)R^{2b}$, CO_2R^{2b} , CO_2R^{2a} , $S(O)_pR^2$, $C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $NR^2SO_2R^2$, C_{3-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted with 0-2 R^{4b} , provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;
- R^2 , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, phenyl substituted with 0-1 R^{4b} , benzyl substituted with 0-1 R^{4b} , and 5-6 membered aromatic heterocycle substituted with 0-1 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$;
- R^{2a} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, cyclopropyl, benzyl, phenyl substituted with 0-1 R^{4b} , and 5-6 membered aromatic heterocycle substituted with 0-1 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$;
- alternatively, R^2 and R^{2a} , together with the nitrogen atom to which they are attached, combine to form a 3-6 membered saturated, partially saturated or unsaturated ring substituted with 0-1 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and $S(O)_p$;
- R^{2b} , at each occurrence, is selected from OH, OCH_3 , OCH_2CH_3 , $OCH_2CH_2CH_3$, $OCH(CH_3)_2$, C_{1-5} alkyl substituted with 0-3 R^{4b} , benzyl, C_{3-6} carbocycle substituted with 0-2 R^{4b} , and 4-6 membered aromatic heterocycle substituted with

0-1 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

5 R^{2c}, at each occurrence, is selected from OH, OCH₃, OCH₂CH₃, OCH₂CH₂CH₃, OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, benzyl, phenyl substituted with 0-1 R^{4b}, and 5-6 membered aromatic heterocycle substituted with 0-1 R^{4b} and consisting of carbon atoms and from 1-4
10 heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted
15 with 0-2 R^{4c}, -(CH₂)-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and -(CH₂)-5-6 membered heterocycle
20 substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2d} forms other than a N-halo, N-C-halo, S(O)_p-halo, O-halo, N-S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

25 R^{2e}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted with 0-2 R^{4c}, -(CH₂)-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2
30 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and -(CH₂)-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group

consisting of N, O, and $S(O)_p$, provided that R^{2e} forms other than a $C(O)$ -halo or $C(O)-S(O)_p$ moiety;

- R^4 , at each occurrence, is selected from OH, OR^2 , CH_2OR^2 ,
 5 $(CH_2)_2OR^2$, F, Br, Cl, I, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$,
 $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$,
 $C(CH_3)_3$, NR^2R^{2a} , $CH_2NR^2R^{2a}$, $(CH_2)_2NR^2R^{2a}$, CF_3 , and
 CF_2CF_3 ;
- 10 R^{4a} is selected from $-(CR^3R^{3g})_r$ -5-6 membered carbocycle
 substituted with 0-3 R^{4c} , $-(CR^3R^{3g})_r$ -5-6 membered
 heterocycle substituted with 0-3 R^{4c} and consisting of:
 carbon atoms and 1-4 heteroatoms selected from the
 group consisting of N, O, and $S(O)_p$, $(CR^3R^{3g})_rNR^{2d}R^{2d}$,
 15 $(CR^3R^{3g})_rN(\rightarrow O)R^{2d}R^{2d}$, $(CR^3R^{3g})_rOR^{2d}$,
 $(CR^3R^{3g})_r-C(O)NR^{2d}R^{2d}$, $(CR^3R^{3g})_r-NR^{2d}C(O)R^{2e}$,
 $(CR^3R^{3g})_r-C(O)R^{2e}$, $(CR^3R^{3g})_r-NR^{2d}C(O)NR^{2d}R^{2d}$,
 $(CR^3R^{3g})_r-NR^{2d}C(O)OR^{2d}$, $(CR^3R^{3g})_r-NR^{2d}SO_2R^{2d}$, and
 $(CR^3R^{3g})_r-S(O)_pR^{2d}$, provided that $S(O)_pR^{2d}$ forms other
 20 than $S(O)_2H$ or $S(O)H$;

- R^{4b} , at each occurrence, is selected from H, $=O$, OR^3 ,
 CH_2OR^3 , F, Cl, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $-CN$,
 NO_2 , NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$, $C(O)OR^{3c}$, $NR^3C(O)R^{3a}$,
 25 $C(O)NR^3R^{3a}$, $SO_2NR^3R^{3a}$, $NR^3SO_2-C_{1-4}$ alkyl, NR^3SO_2 -phenyl,
 $S(O)_p-C_{1-4}$ alkyl, $S(O)_p$ -phenyl, and CF_3 ;

- R^{4c} , at each occurrence, is selected from $=O$, OR^2 , CH_2OR^2 ,
 F, Br, Cl, CF_3 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, C_{2-3}
 30 alkenyl, C_{2-3} alkynyl, $-CN$, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$,
 $N(\rightarrow O)R^2R^{2a}$, $CH_2N(\rightarrow O)R^2R^{2a}$, $C(O)R^{2c}$, $CH_2C(O)R^{2c}$,
 $NR^2C(O)R^{2b}$, $CH_2NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$, $CH_2C(O)NR^2R^{2a}$,

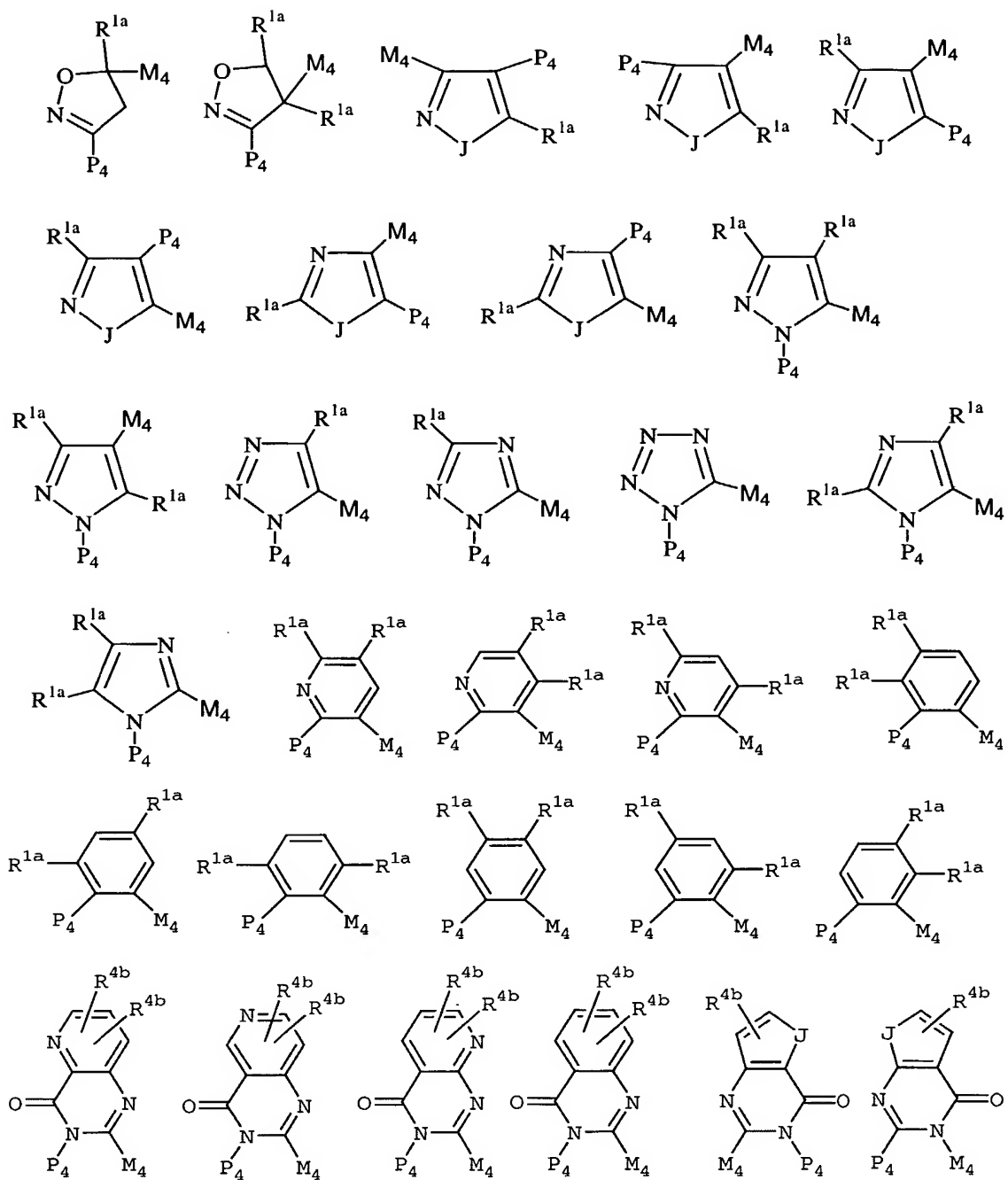
$\text{SO}_2\text{NR}^2\text{R}^{2a}$, $\text{CH}_2\text{SO}_2\text{NR}^2\text{R}^{2a}$, $\text{NR}^2\text{SO}_2\text{R}^{5a}$, $\text{CH}_2\text{NR}^2\text{SO}_2\text{R}^{5a}$,
 $\text{S}(\text{O})_p\text{R}^{5a}$, $\text{CH}_2\text{S}(\text{O})_p\text{R}^{5a}$, CF_3 , CF_2CF_3 , C_{3-6} carbocycle
substituted with 0-2 R^{4b} , $(\text{CH}_2)\text{C}_{3-6}$ carbocycle
substituted with 0-2 R^{4b} , 5-6 membered heterocycle
substituted with 0-2 R^{4b} and consisting of carbon atoms
and from 1-4 heteroatoms selected from the group
consisting of N, O, and $\text{S}(\text{O})_p$, and $(\text{CH}_2)_{5-6}$ membered
heterocycle substituted with 0-2 R^{4b} and consisting of
carbon atoms and from 1-4 heteroatoms selected from
the group consisting of N, O, and $\text{S}(\text{O})_p$;

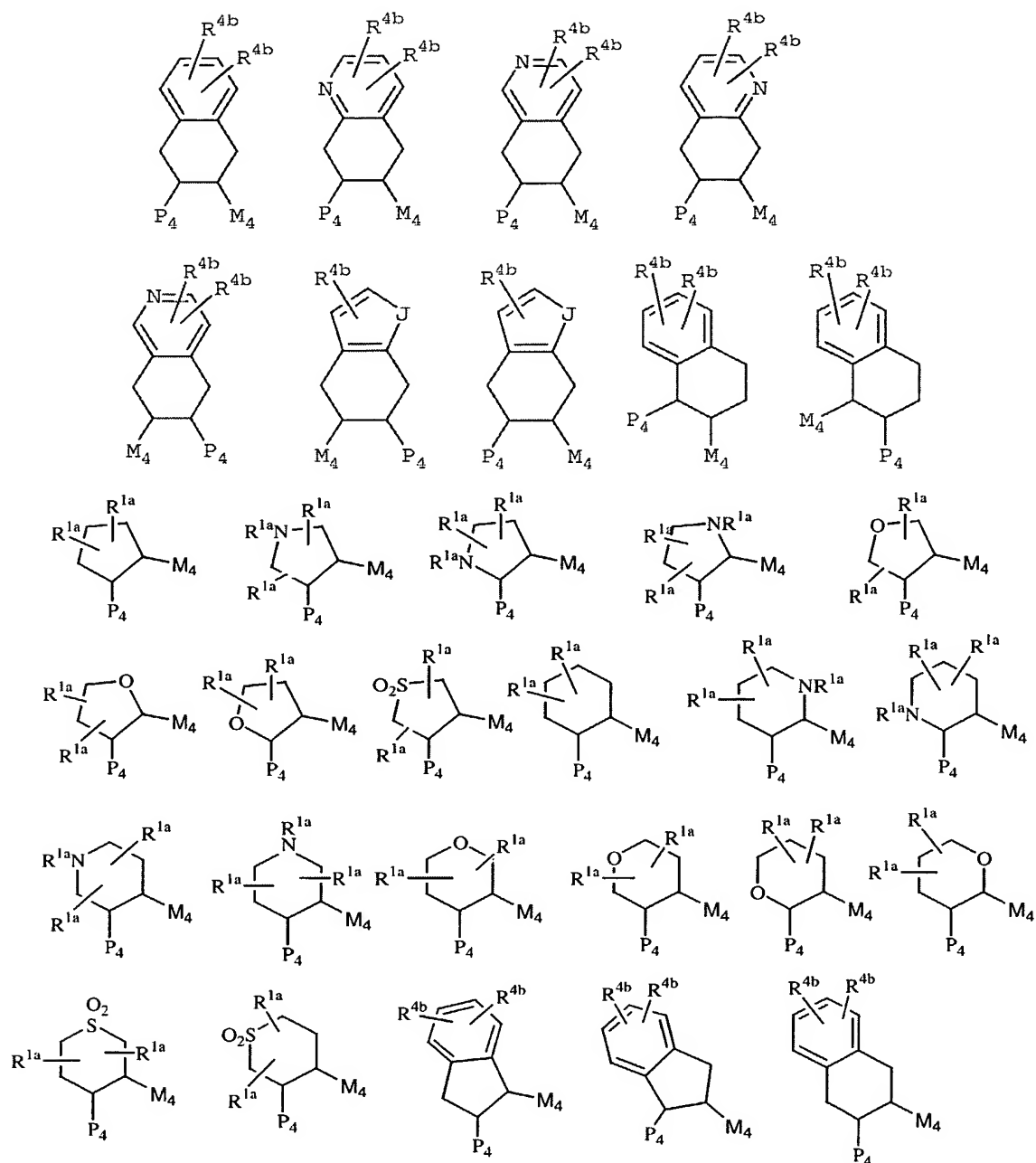
R^5 , at each occurrence, is selected from H, =O, CH_3 , CH_2CH_3 ,
 $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, OR^3 , CH_2OR^3 , F, Cl, -CN, NO_2 ,
 NR^3R^{3a} , $\text{CH}_2\text{NR}^3\text{R}^{3a}$, $\text{C}(\text{O})\text{R}^3$, $\text{C}(\text{O})\text{OR}^{3c}$, $\text{NR}^3\text{C}(\text{O})\text{R}^{3a}$,
 $\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$, $\text{SO}_2\text{NR}^3\text{R}^{3a}$, $\text{NR}^3\text{SO}_2\text{-C}_{1-4}$ alkyl, $\text{NR}^3\text{SO}_2\text{-phenyl}$,
 $\text{S}(\text{O})_p\text{-C}_{1-4}$ alkyl, $\text{S}(\text{O})_p\text{-phenyl}$, CF_3 , phenyl substituted
with 0-2 R^6 , naphthyl substituted with 0-2 R^6 , and
benzyl substituted with 0-2 R^6 ; and,

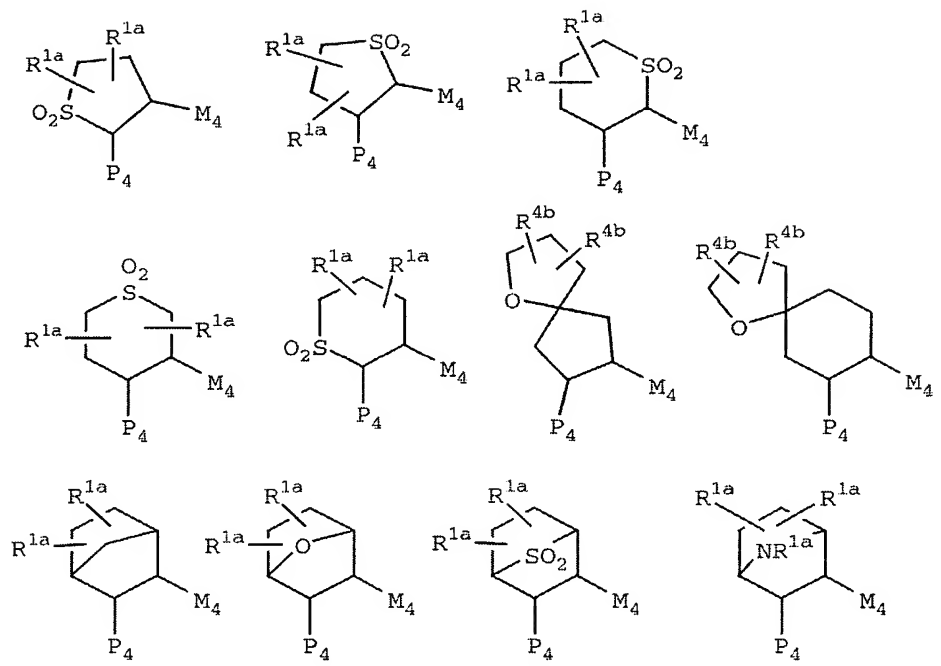
R^6 , at each occurrence, is selected from H, OH, OR^2 , F, Cl,
 CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, -CN, NO_2 , NR^2R^{2a} ,
 $\text{CH}_2\text{NR}^2\text{R}^{2a}$, $\text{C}(\text{O})\text{R}^{2b}$, $\text{CH}_2\text{C}(\text{O})\text{R}^{2b}$, $\text{NR}^2\text{C}(\text{O})\text{R}^{2b}$, and
 $\text{SO}_2\text{NR}^2\text{R}^{2a}$.

25

12. A compound according to Claim 11, wherein the
compound is selected from:







J is selected from O, S, NH, and NR^{1a} ;

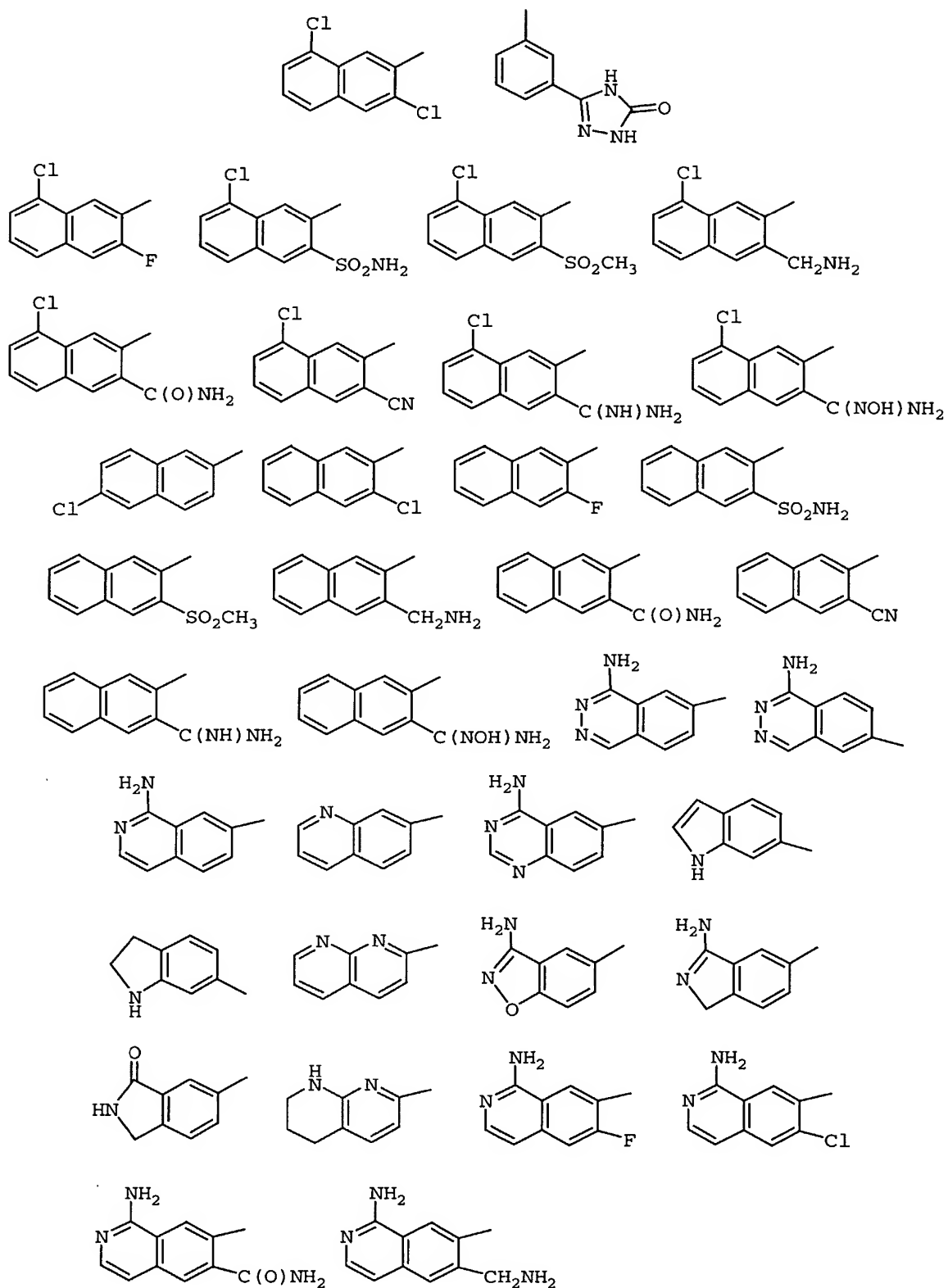
5 P_4 is $-G_1-G$;

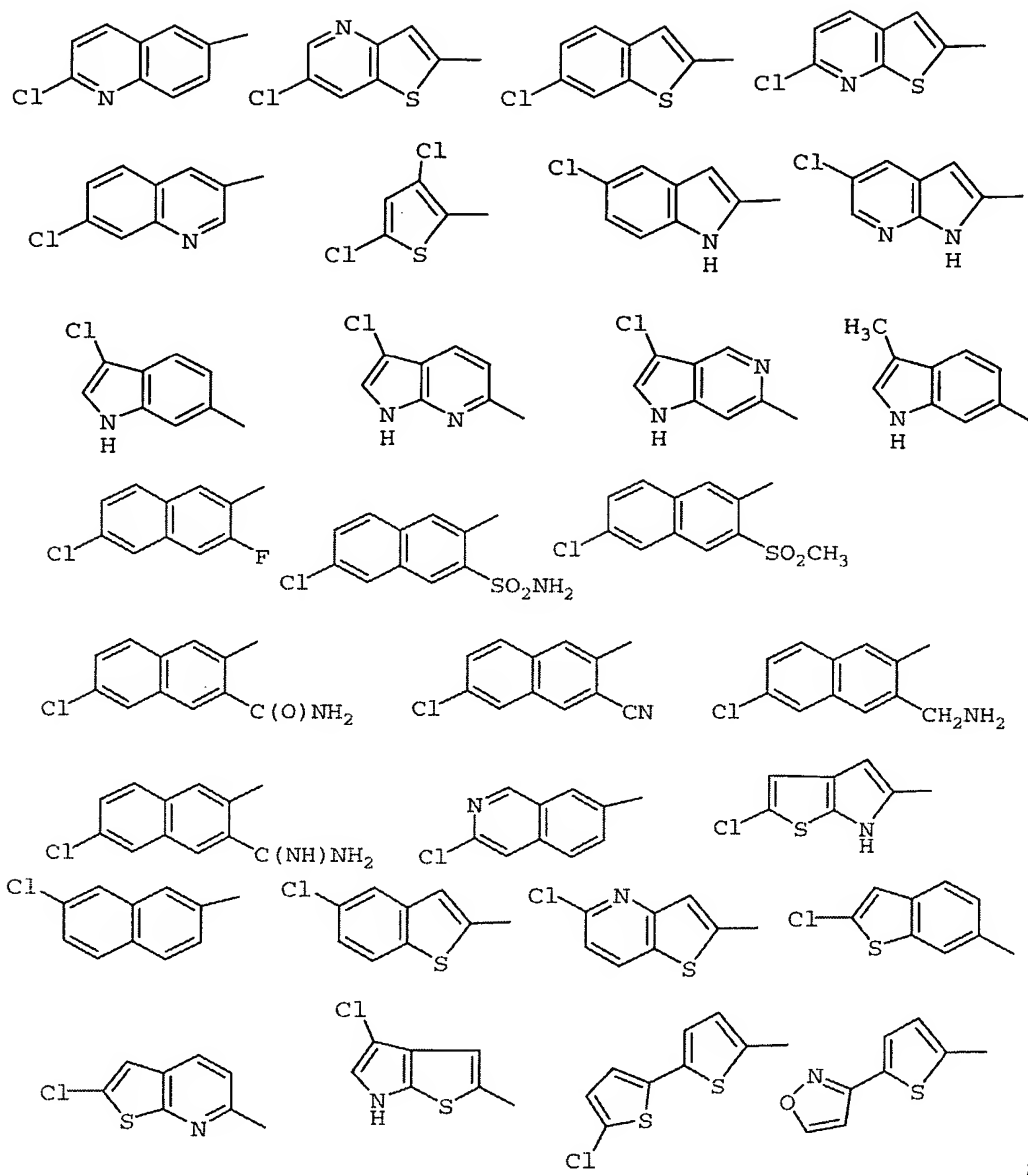
M_4 is $-Z-A-B$;

G is selected from:

- 10 2-amido-4-methoxy-phenyl; 2-amido-phenyl;
- 2-aminomethyl-3-fluoro-phenyl;
- 2-aminomethyl-4-fluoro-phenyl;
- 2-aminomethyl-5-fluoro-phenyl;
- 2-aminomethyl-6-fluoro-phenyl; 2-aminomethyl-phenyl;
- 15 2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl;
- 2-aminosulfonyl-phenyl; 3-amido-phenyl;
- 3-amino-4-chloro-phenyl; 3-aminomethyl-phenyl;
- 3-chloro-phenyl; 4-chloro-phenyl; 4-methoxy-phenyl;
- 5-chloro-pyrid-2-yl; 5-chloro-thien-2-yl;
- 20 6-amino-5-chloro-pyrid-2-yl; 6-amino-pyrid-2-yl; 5-chloro-pyrimidin-3-yl;
- 6-chloro-pyridazin-3-yl;
- 2-aminomethyl-4-chloro-phenyl;

2-aminosulfonyl-4-chloro-phenyl; 2-amido-4-chloro-phenyl;
4-chloro-2-methylsulfonyl-phenyl;





- 5 G_1 is absent or is selected from $CH=CH$, CH_2NH , $NHCH_2$, $CH_2C(O)$, $C(O)CH_2$, $C(O)NH$, $NHC(O)$, $NHC(O)NH$, $CH_2S(O)_2$, $S(O)_2(CH_2)$, SO_2NH , and $NHSO_2$, provided that G_1 does not form a N-S, NCH_2N , NCH_2O , or NCH_2S bond with either group to which it is attached;

10

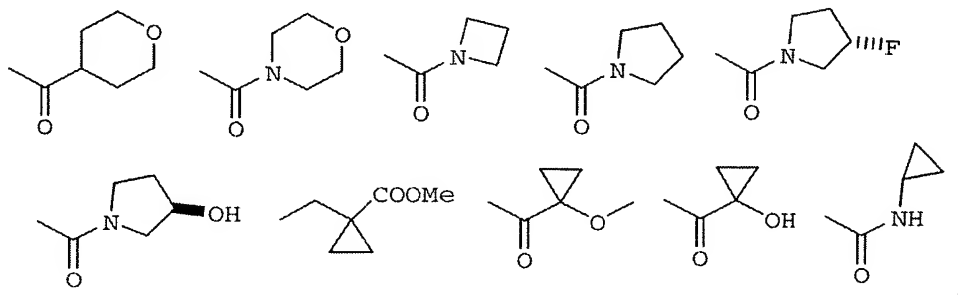
A is selected from the group: cyclohexyl, indolinyl, piperidinyl, phenyl, 2-pyridyl, 3-pyridyl, 2-pyrimidyl, 2-Cl-phenyl, 3-Cl-phenyl, 2-F-phenyl, 3-F-

phenyl, 2-methylphenyl, 2-aminophenyl, and 2-methoxyphenyl;

- Y is selected from C(CH₃)₂, C(CH₂CH₃)₂, cyclopropyl, cyclobutyl, cyclopentyl, 2-cyclopentanonyl, cyclohexyl, 2-cyclohexanonyl, pyrrolidinyl (attached to A and R^{4a} at the 2-position), pyrrolidinyl (attached to A and R^{4a} at the 3-position), 2-pyrrolidinonyl (attached to A and R^{4a} at the 3-position), piperidinyl (attached to A and R^{4a} at the 4-position), 4-piperidinonyl (attached to A and R^{4a} at the 3-position), tetrahydrofuranyl, and tetrahydropyranyl (attached to A and R^{4a} at the 4-position);
- R^{1a}, at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH₂F, CH₂Cl, Br, CH₂Br, -CN, CH₂CN, CF₃, CH₂CF₃, OCH₃, CH₂OH, C(CH₃)₂OH, CH₂OCH₃, CH₂CH₂OCH₃, NH₂, CH₂NH₂, NHCH₃, CH₂NHCH₃, N(CH₃)₂, CH₂N(CH₃)₂, CO₂H, CH₂CO₂H, CH₂CH₂CO₂H, COCH₃, CO₂CH₃, CH₂CO₂CH₃, SCH₃, CH₂SCH₃, S(O)CH₃, CH₂S(O)CH₃, S(O)₂CH₃, CH₂S(O)₂CH₃, C(O)NH₂, CH₂C(O)NH₂, SO₂NH₂, CH₂SO₂NH₂, NHSO₂CH₃, CH₂NHSO₂CH₃, COCH₂C(CH₃)₃, COCH₂OH, COCH₂OCH₃, COC(CH₃)₂OH, COC(CH₃)₂CH₂OH, COC(CH₃)₂CH₂OCH₃, C(O)OCH₂CH₂OCH₃, COCF₃, CO₂CH₂CH₃, CO₂CH(CH₃)₂, CO₂C(CH₃)₃, CH₂CH₂CO₂CH₂CH₃, CONH(CH₃), CONH(CH₂CH₃), CONHC(CH₃)₃, CON(CH₃)₂, CON(CH₃)(CH₂CH₃), CON(CH₃)CH(CH₃)₂, CH₂CON(CH₃)₂, C(O)-phenyl, C(O)-cyclopropyl, C(O)-cyclobutyl, C(O)-cyclopentyl, pyridin-2-yl, pyridin-3-yl, pyridin-4-yl, pyridin-2-yl-N-oxide, pyridin-3-yl-N-oxide, pyridin-4-yl-N-oxide, imidazol-1-yl, CH₂-imidazol-1-yl, 4-methyloxazol-2-yl, 4-N,N-dimethylaminomethyl-oxazol-2-yl, 1,2,3,4-tetrazol-1-yl, 1,2,3,4-tetrazol-5-yl, CH₂-

1,2,3,4-tetrazol-1-yl, and CH_2 -1,2,3,4-tetrazol-5-yl, provided that R^{1a} forms other than an N-halo, N-S, or N-CN bond;

5 alternatively, R^{1a} is selected from:



R^2 , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $\text{CH}_2\text{CH}_2\text{CH}_3$, $\text{CH}(\text{CH}_3)_2$, phenyl substituted with 0-1 R^{4b} , benzyl substituted with 0-1 R^{4b} , and 5 membered aromatic heterocycle substituted with 0-1 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$;

15 R^{2a} , at each occurrence, is selected from H, CH_3 , and CH_2CH_3 ;

alternatively, R^2 and R^{2a} , together with the nitrogen atom to which they are attached, combine to form a 3-6 membered saturated, partially saturated or unsaturated ring substituted with 0-1 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and $\text{S}(\text{O})_p$;

25 R^{2b} , at each occurrence, is selected from OH, OCH_3 , OCH_2CH_3 , CH_3 , and CH_2CH_3 ;

R^{2c} , at each occurrence, is selected from OH, OCH_3 , OCH_2CH_3 , CH_3 , and CH_2CH_3 ;

R^{2d} , at each occurrence, is selected from H, R^{4c} , C_{1-4} alkyl substituted with 0-2 R^{4c} , C_{3-6} cycloalkyl substituted with 0-2 R^{4c} , phenyl substituted with 0-2 R^{4c} , and 5-6
 5 membered aromatic heterocycle substituted with 0-2 R^{4c} consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, provided that R^{2d} forms other than a N-halo, N-C-halo, $S(O)_p$ -halo, O-halo, N-S, S-N, $S(O)_p$ - $S(O)_p$, S-O, O-N, O-S, or O-O moiety;
 10

R^{2e} , at each occurrence, is selected from H, R^{4c} , C_{1-4} alkyl substituted with 0-2 R^{4c} , C_{3-6} cycloalkyl substituted with 0-2 R^{4c} , phenyl substituted with 0-2 R^{4c} , and 5-6
 15 membered aromatic heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, provided that R^{2e} forms other than a $C(O)$ -halo or $C(O)$ - $S(O)_p$ moiety;
 20

R^{4a} is selected from $-(CH_2)_r$ -5-6 membered carbocycle substituted with 0-3 R^{4c} , $-(CH_2)_r$ -5-6 membered heterocycle substituted with 0-3 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the
 25 group consisting of N, O, and $S(O)_p$, $(CH_2)_rNR^{2d}R^{2d}$, $(CH_2)_rN(\rightarrow O)R^{2d}R^{2d}$, $(CH_2)_rOR^{2d}$, $(CH_2)_rC(O)NR^{2d}R^{2d}$, $(CH_2)_r-NR^{2d}C(O)R^{2e}$, $(CH_2)_r-C(O)R^{2e}$, $(CH_2)_r-NR^{2d}C(O)NR^{2d}R^{2d}$, $(CH_2)_r-NR^{2d}C(O)OR^{2d}$, $(CH_2)_r-NR^{2d}SO_2R^{2d}$, and $(CH_2)_r-S(O)_pR^{2d}$, provided that
 30 $S(O)_pR^{2d}$ forms other than $S(O)_2H$ or $S(O)H$;

R^{4b} , at each occurrence, is selected from H, =O, OR^3 , CH_2OR^3 , F, Cl, CH_3 , CH_2CH_3 , NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$,

C(O)OR^{3c}, NR³C(O)R^{3a}, C(O)NR³R^{3a}, SO₂NR³R^{3a},
NR³SO₂-phenyl, S(O)₂CH₃, S(O)₂-phenyl, and CF₃;

R^{4c}, at each occurrence, is selected from =O, OH, OCH₃,
5 OCH₂CH₃, OCH₂CH₂CH₃, OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃,
CH(CH₃)₂, C₂₋₃ alkenyl, C₂₋₃ alkynyl, CH₂OH, CH₂OCH₃,
CH₂OCH₂CH₃, CH₂OCH₂CH₂CH₃, CH₂OCH(CH₃)₂, F, Br, Cl, CF₃,
NR²R^{2a}, CH₂NR²R^{2a}, N(→O)R²R^{2a}, CH₂N(→O)R²R^{2a}, C(O)R^{2c},
CH₂C(O)R^{2c}, NR²C(O)R^{2b}, CH₂NR²C(O)R^{2b}, C(O)NR²R^{2a},
10 CH₂C(O)NR²R^{2a}, SO₂NR²R^{2a}, CH₂SO₂NR²R^{2a}, NR²SO₂R^{5a},
CH₂NR²SO₂R^{5a}, S(O)_pR^{5a}, CH₂S(O)_pR^{5a}, CF₃, cyclopropyl
substituted with 0-1 R^{4b}, cyclobutyl substituted with
0-1 R^{4b}, cyclopentyl substituted with 0-1 R^{4b}, phenyl
substituted with 0-1 R^{4b}, -CH₂-cyclopropyl substituted
15 with 0-1 R^{4b}, -CH₂-cyclobutyl substituted with 0-1 R^{4b},
-CH₂-cyclopentyl substituted with 0-1 R^{4b}, benzyl
substituted with 0-2 R^{4b}, 5-6 membered aromatic
heterocycle substituted with 0-2 R^{4b} and consisting of
carbon atoms and from 1-4 heteroatoms selected from
20 the group consisting of N, O, and S(O)_p, and (CH₂)₅₋₆
membered aromatic heterocycle substituted with 0-2 R^{4b}
and consisting of carbon atoms and from 1-4
heteroatoms selected from the group consisting of N,
O, and S(O)_p;

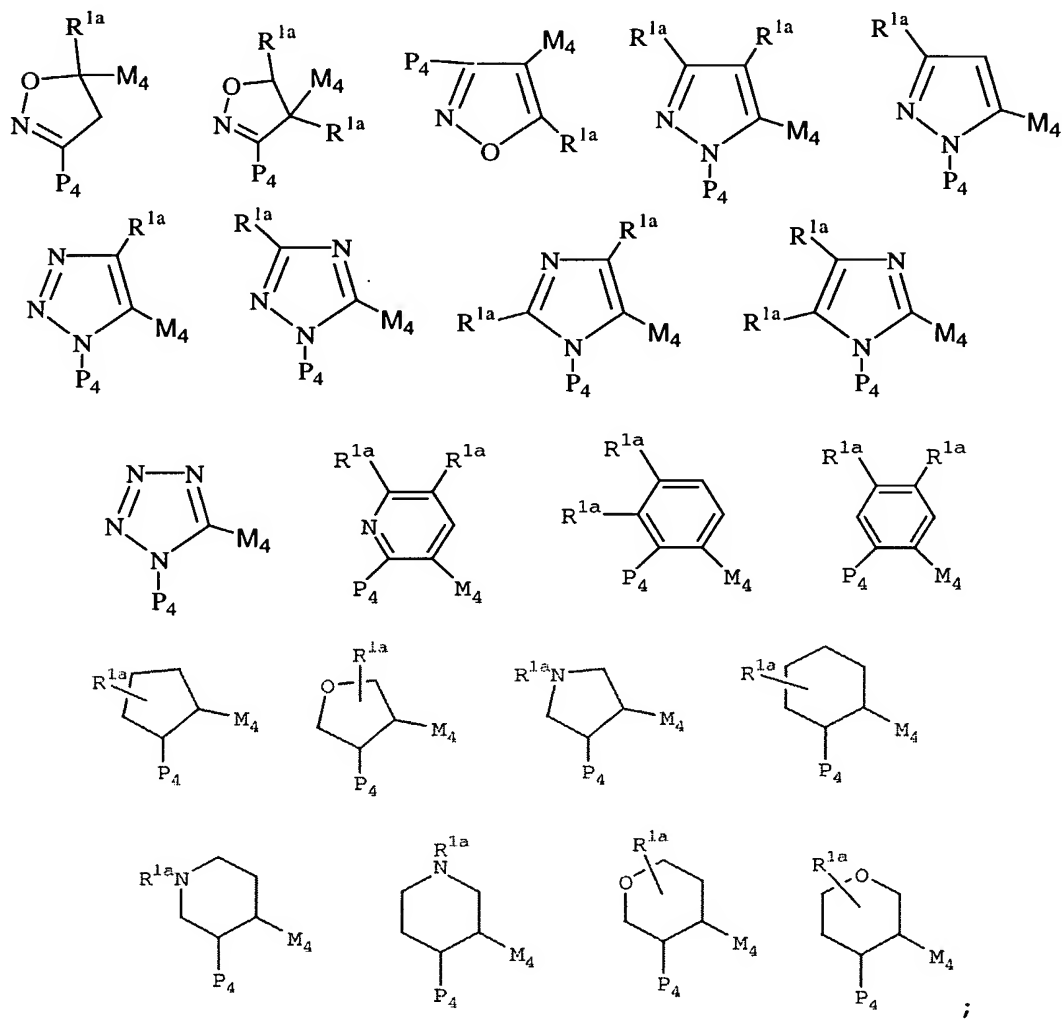
25

R⁵, at each occurrence, is selected from H, =O, CH₃, CH₂CH₃,
OR³, CH₂OR³, F, Cl, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, C(O)OR^{3c},
NR³C(O)R^{3a}, C(O)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl,
NR³SO₂-phenyl, S(O)₂-CH₃, S(O)₂-phenyl, CF₃, phenyl
30 substituted with 0-2 R⁶, naphthyl substituted with 0-2
R⁶, and benzyl substituted with 0-2 R⁶; and,

R^6 , at each occurrence, is selected from H, OH, OR^2 , F, Cl, CH_3 , CH_2CH_3 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $C(O)R^{2b}$, $CH_2C(O)R^{2b}$, $NR^2C(O)R^{2b}$, and $SO_2NR^2R^{2a}$.

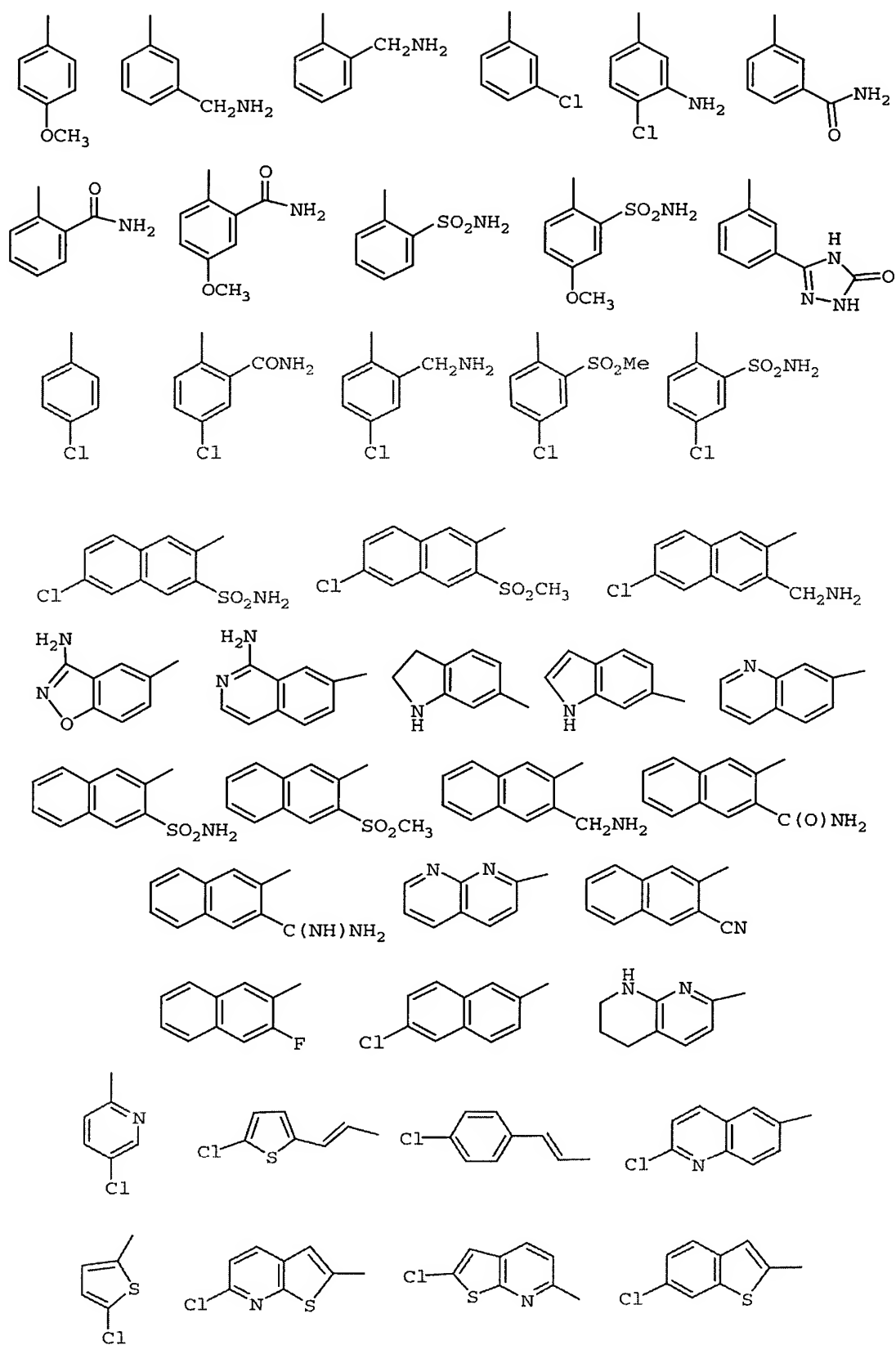
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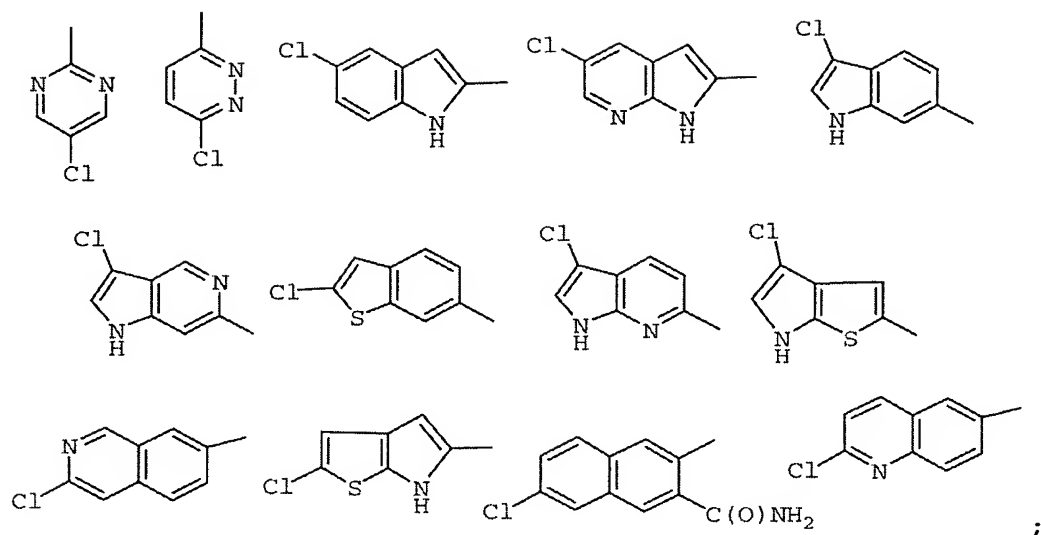
13. A compound according to Claim 12, wherein the compound is selected from:



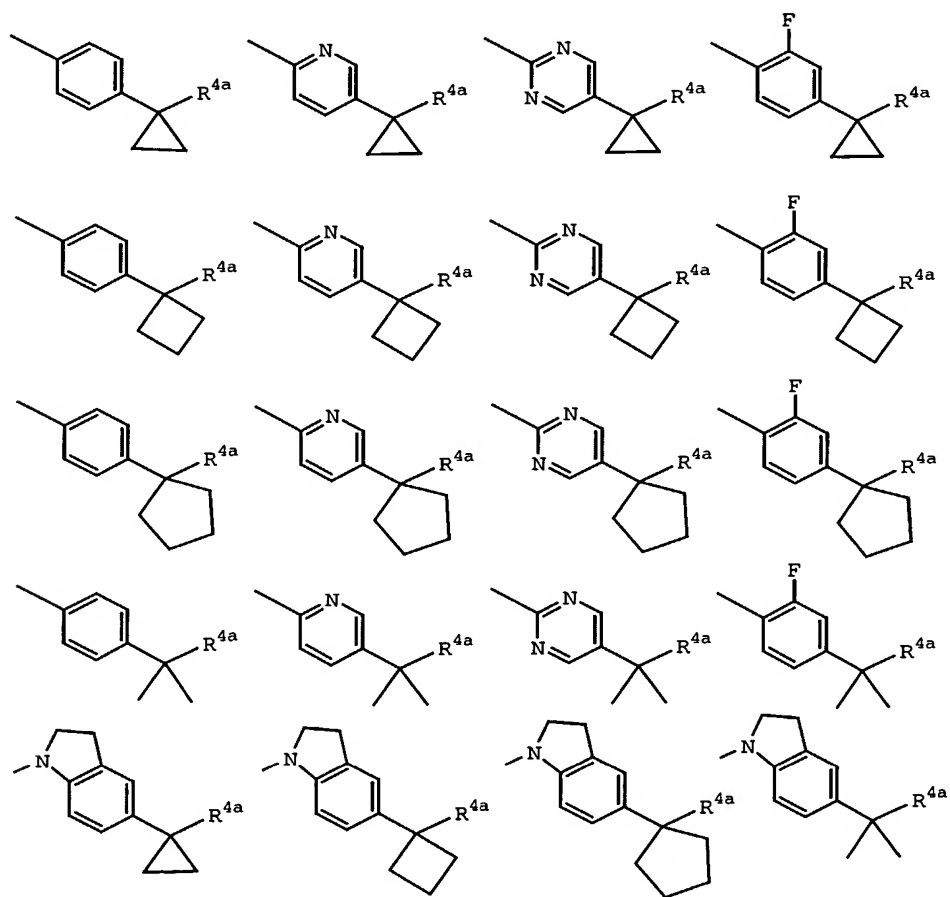
10

$-G_1-G$ is selected from:





A-B is selected from:



5

R^{2d} , at each occurrence, is selected from H, C_{1-4} alkyl substituted with 0-1 R^{4c} , C_{3-6} cycloalkyl substituted

with 0-2 R^{4c} , phenyl substituted with 0-2 R^{4c} , and a
 5-6 membered aromatic heterocycle consisting of:
 carbon atoms and 1-4 heteroatoms selected from the
 group consisting of N, O, and $S(O)_p$, provided that R^{2d}
 5 forms other than a N-halo, N-C-halo, $S(O)_p$ -halo, O-
 halo, N-S, S-N, $S(O)_p$ - $S(O)_p$, S-O, O-N, O-S, or O-O
 moiety;

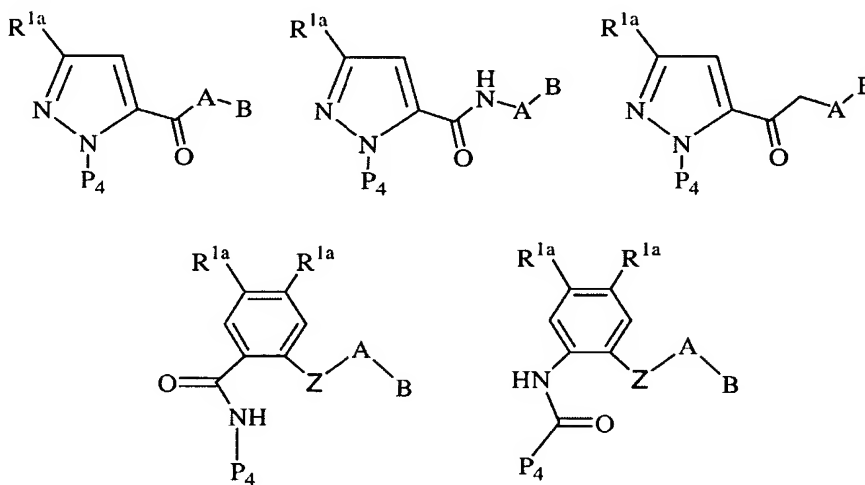
R^{2e} , at each occurrence, is selected from H, C_{1-4} alkyl
 10 substituted with 0-1 R^{4c} , C_{3-6} cycloalkyl substituted
 with 0-2 R^{4c} , phenyl, substituted with 0-2 R^{4c} , and 5-6
 membered aromatic heterocycle consisting of: carbon
 atoms and 1-4 heteroatoms selected from the group
 consisting of N, O, and $S(O)_p$, provided that R^{2e} forms
 15 other than a C(O)-halo or C(O)- $S(O)_p$ moiety;

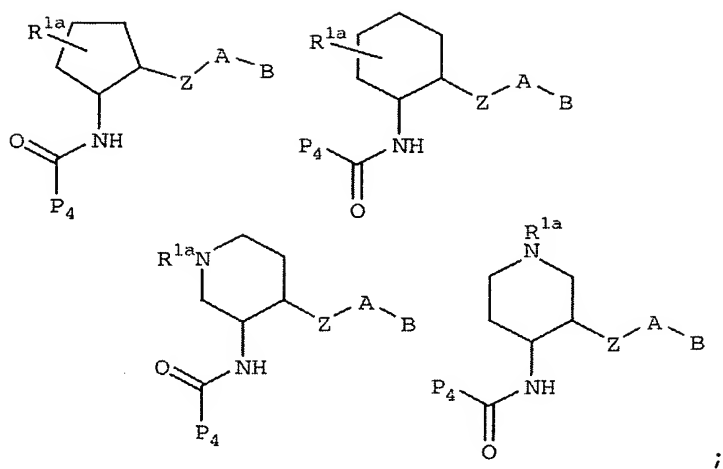
R^{4a} is selected from $NR^{2d}R^{2d}$, $CH_2NR^{2d}R^{2d}$, $CH_2CH_2NR^{2d}R^{2d}$,
 $N(\rightarrow O)R^{2d}R^{2d}$, $CH_2N(\rightarrow O)R^{2d}R^{2d}$, CH_2OR^{2d} , $C(O)R^{2e}$,
 $C(O)NR^{2d}R^{2d}$, $CH_2C(O)NR^{2d}R^{2d}$, $NR^{2d}C(O)R^{2e}$, $CH_2NR^{2d}C(O)R^{2e}$,
 20 $NR^{2d}C(O)NR^{2d}R^{2d}$, $CH_2NR^{2d}C(O)NR^{2d}R^{2d}$, $NR^{2d}C(O)OR^{2d}$,
 $CH_2NR^{2d}C(O)OR^{2d}$, $NR^{2d}SO_2R^{2d}$, $CH_2NR^{2d}SO_2R^{2d}$, $S(O)_pR^{2d}$,
 $CH_2S(O)_pR^{2d}$, 5-6 membered carbocycle substituted with
 0-2 R^{4c} , $-(CH_2)$ -5-6 membered carbocycle substituted
 with 0-2 R^{4c} , $-(CH_2)_2$ -5-6 membered carbocycle
 25 substituted with 0-2 R^{4c} , 5-6 membered heterocycle
 substituted with 0-2 R^{4c} and consisting of: carbon
 atoms and 1-4 heteroatoms selected from the group
 consisting of N, O, and $S(O)_p$, $-(CH_2)$ -5-6 membered
 heterocycle substituted with 0-2 R^{4c} and consisting of:
 30 carbon atoms and 1-4 heteroatoms selected from the
 group consisting of N, O, and $S(O)_p$, and $-(CH_2)_2$ -5-6
 membered heterocycle substituted with 0-2 R^{4c} and
 consisting of: carbon atoms and 1-4 heteroatoms

selected from the group consisting of N, O, and S(O)_p
provided that S(O)_pR^{2d} forms other than S(O)₂H or
S(O)H; and,

- 5 R^{4c} is selected from =O, OH, OCH₃, OCH₂CH₃, OCH₂CH₂CH₃,
OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH=CH₂,
CH≡CH, CH₂OH, CH₂OCH₃, CH₂OCH₂CH₃, CH₂OCH₂CH₂CH₃,
CH₂OCH(CH₃)₂, F, Br, Cl, CF₃, NR²R^{2a}, CH₂NR²R^{2a},
C(O)R^{2c}, CH₂C(O)R^{2c}, NR²C(O)R^{2b}, CH₂NR²C(O)R^{2b},
10 C(O)NR²R^{2a}, CH₂C(O)NR²R^{2a}, SO₂NR²R^{2a}, CH₂SO₂NR²R^{2a},
NR²SO₂R^{5a}, CH₂NR²SO₂R^{5a}, S(O)_pR^{5a}, and CH₂S(O)_pR^{5a}.

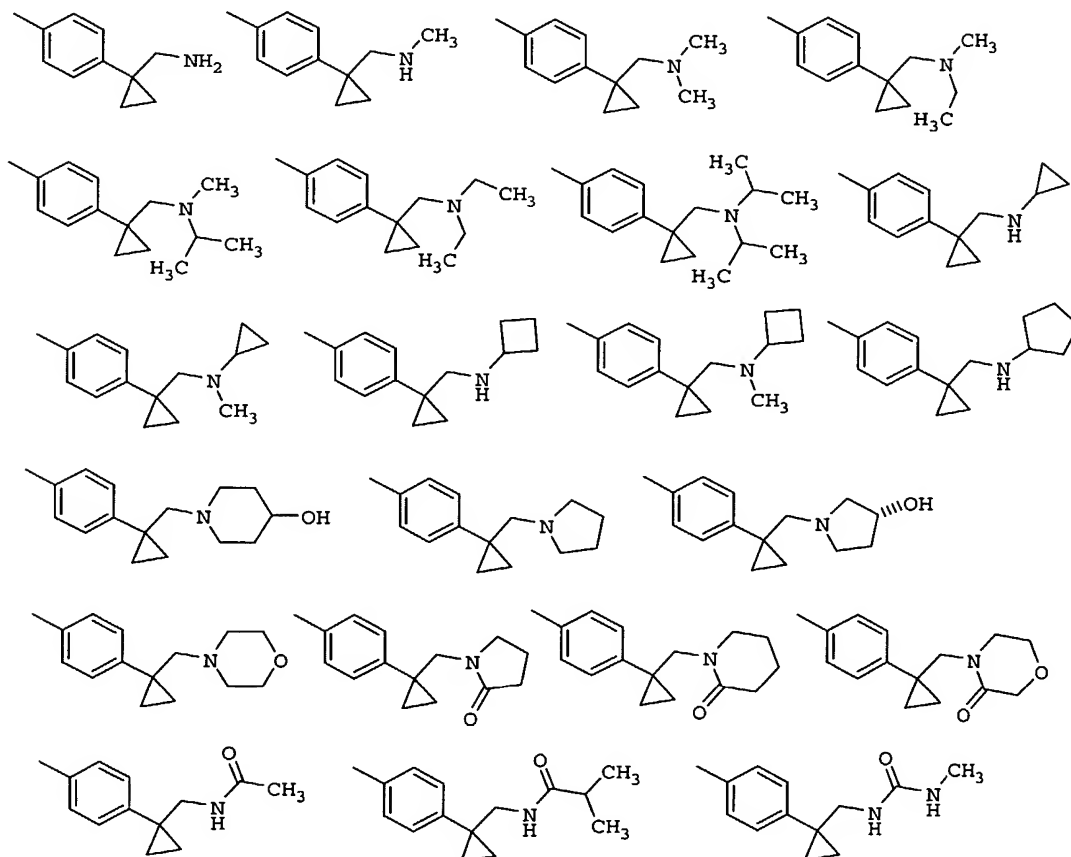
14. A compound according to Claim 13, wherein the compound
15 is selected from:

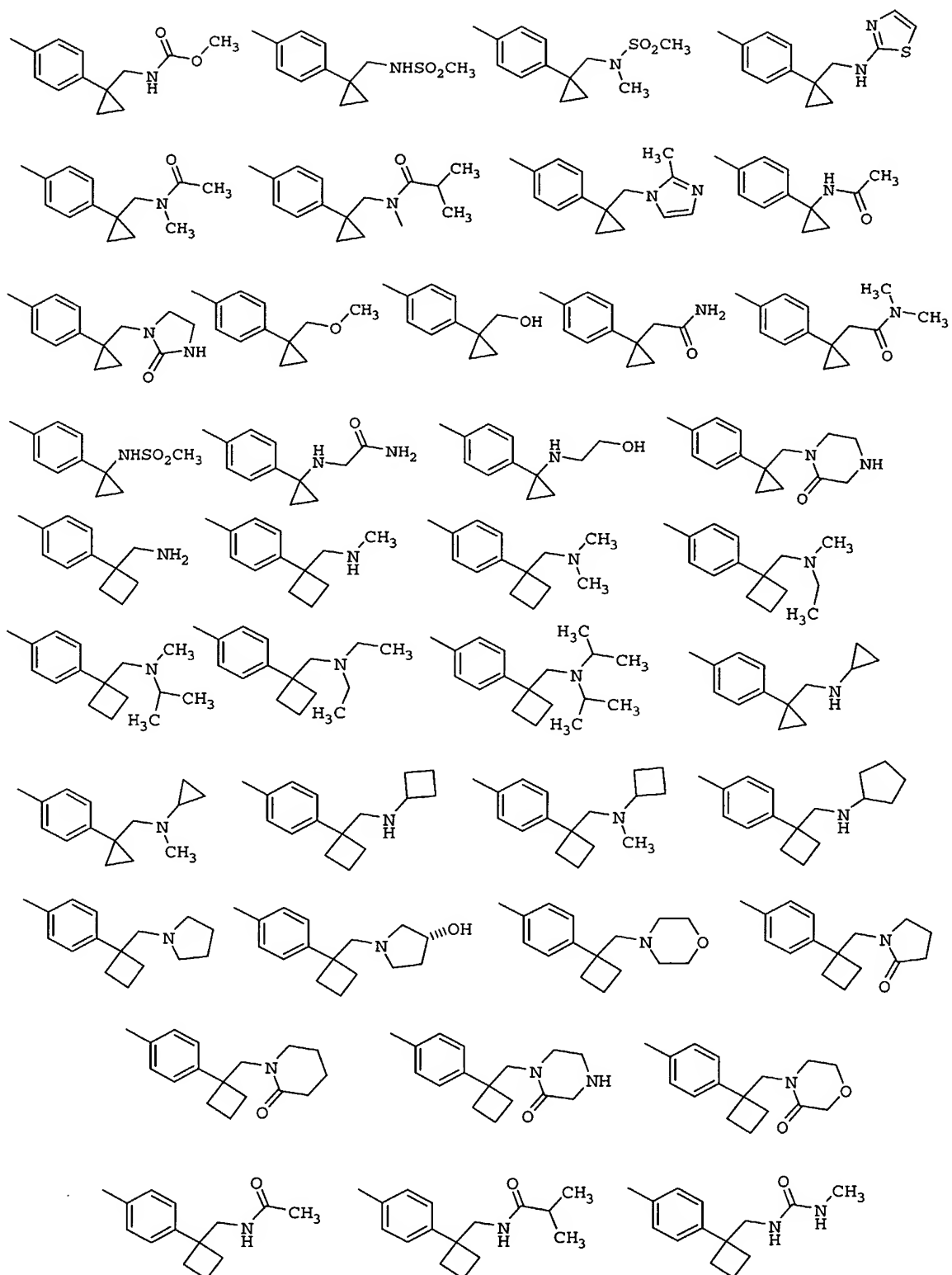


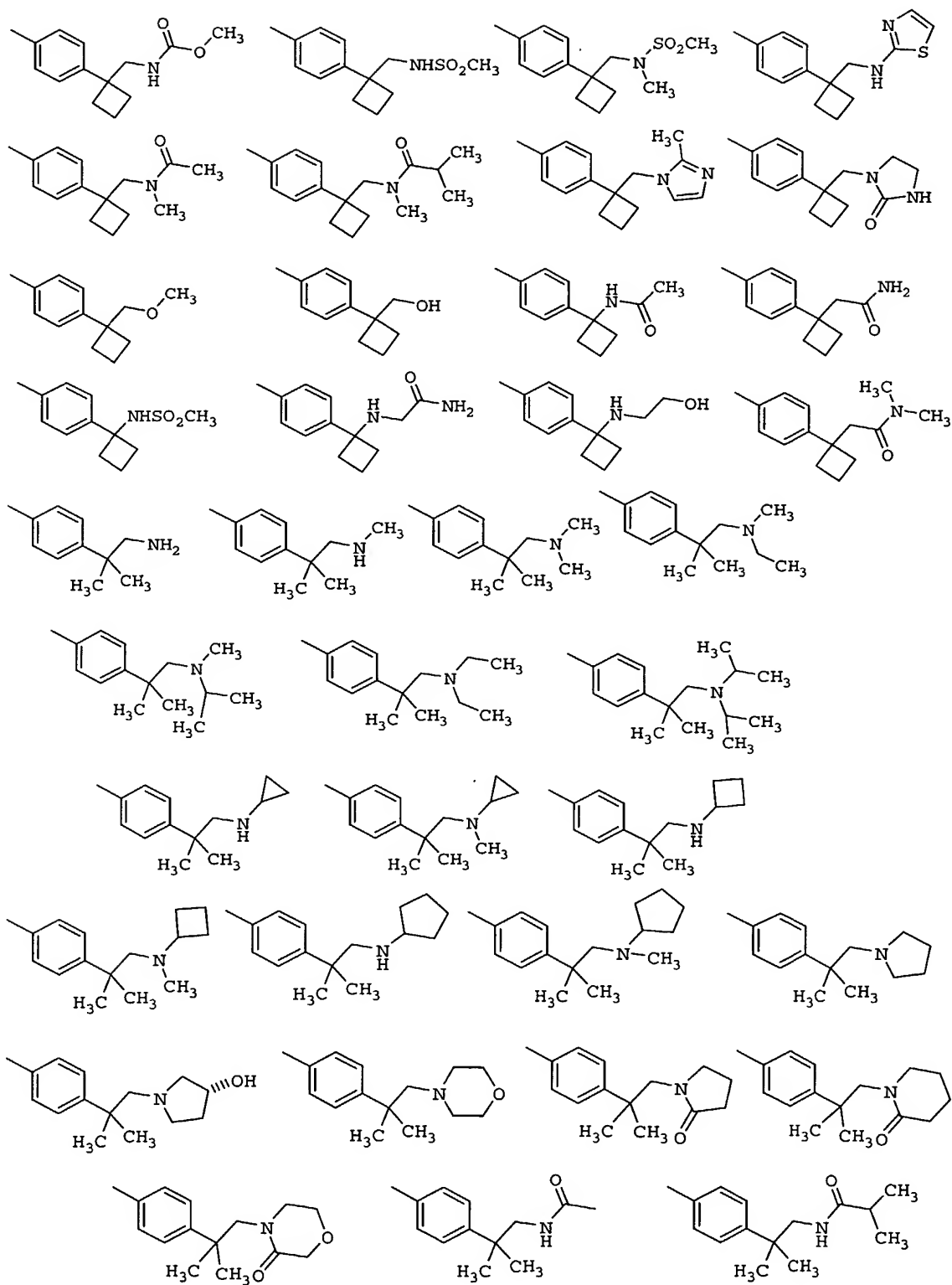


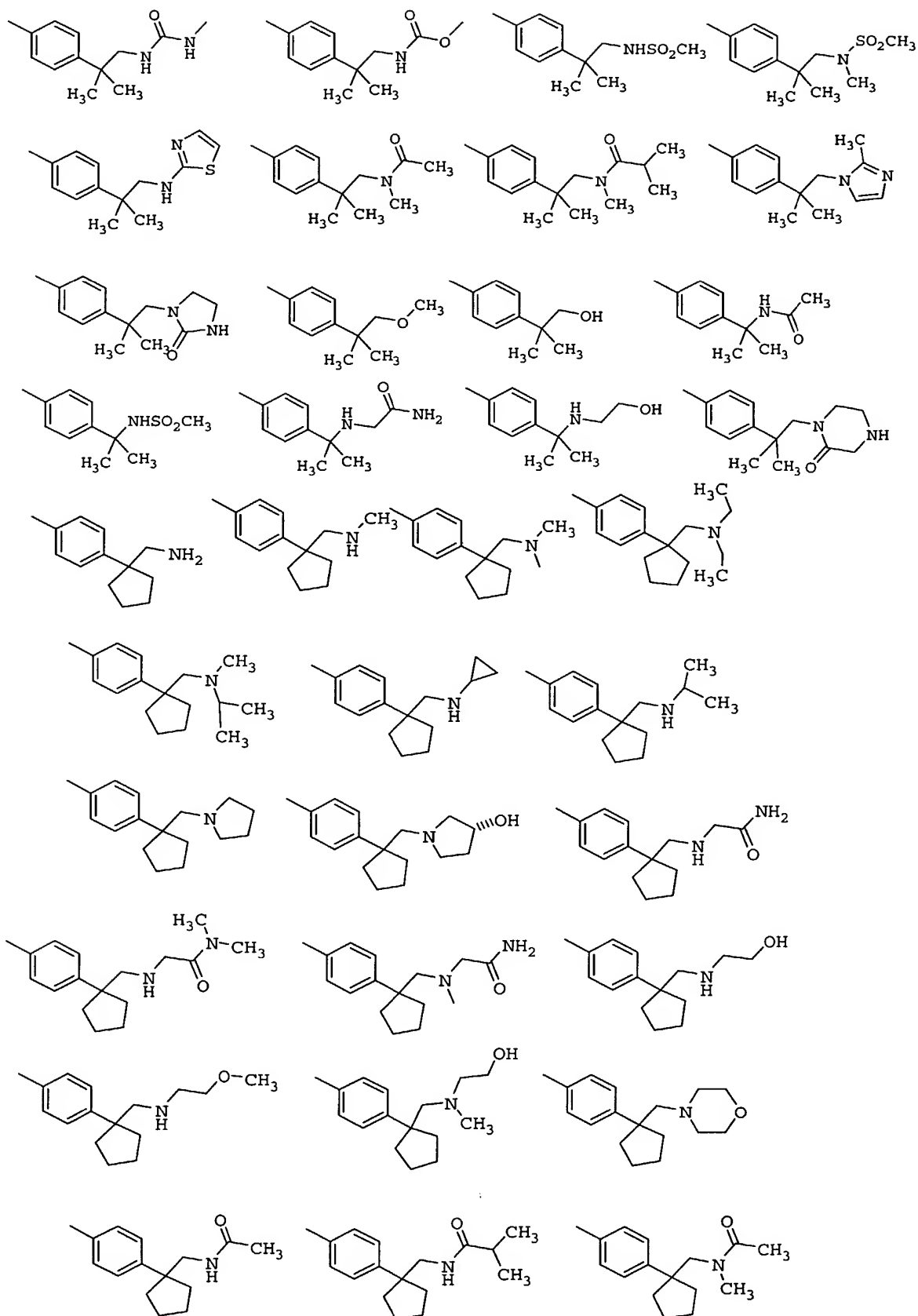
Z is selected from a $NHCH_2$, $C(O)NH$, $NHC(O)$, and $NHSO_2$; and,

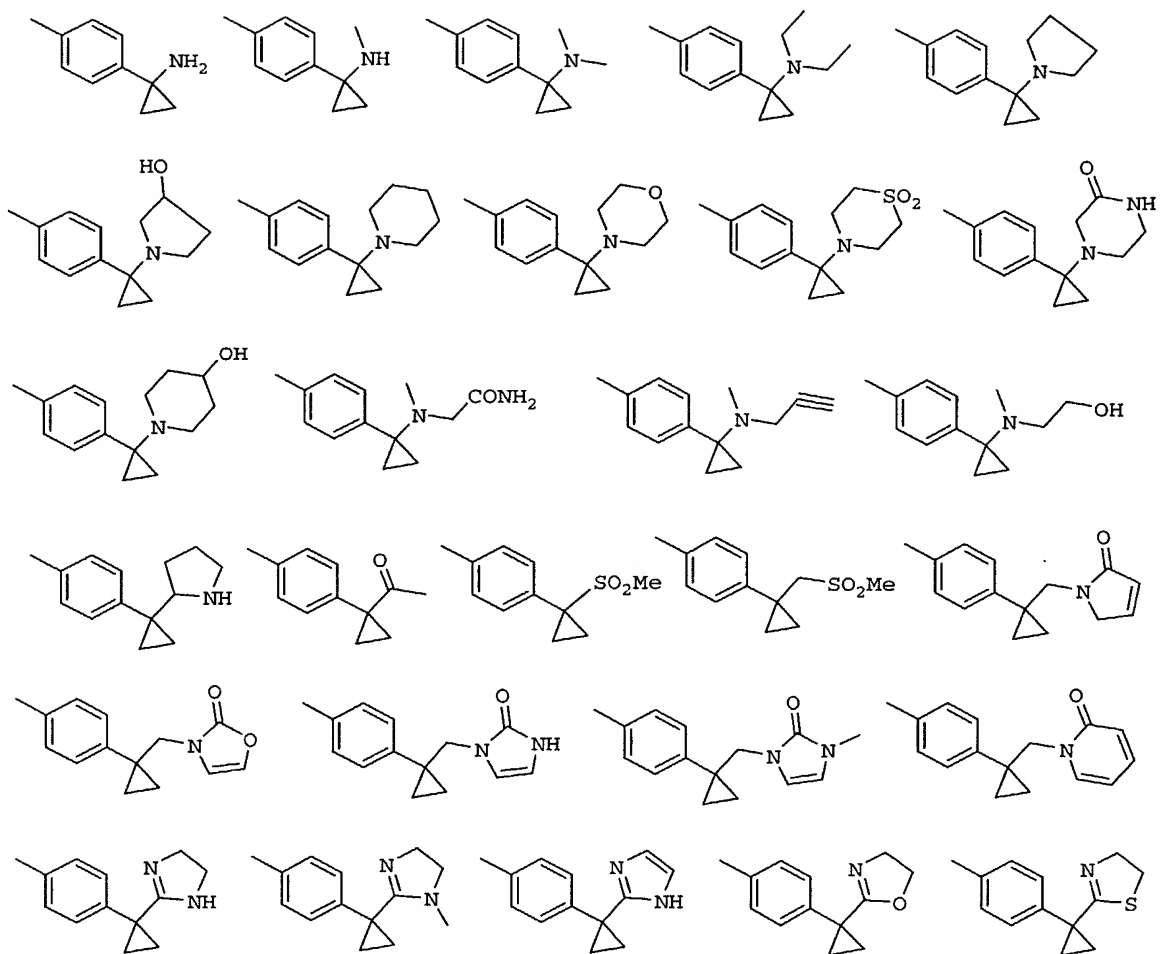
5 A-B is selected from:

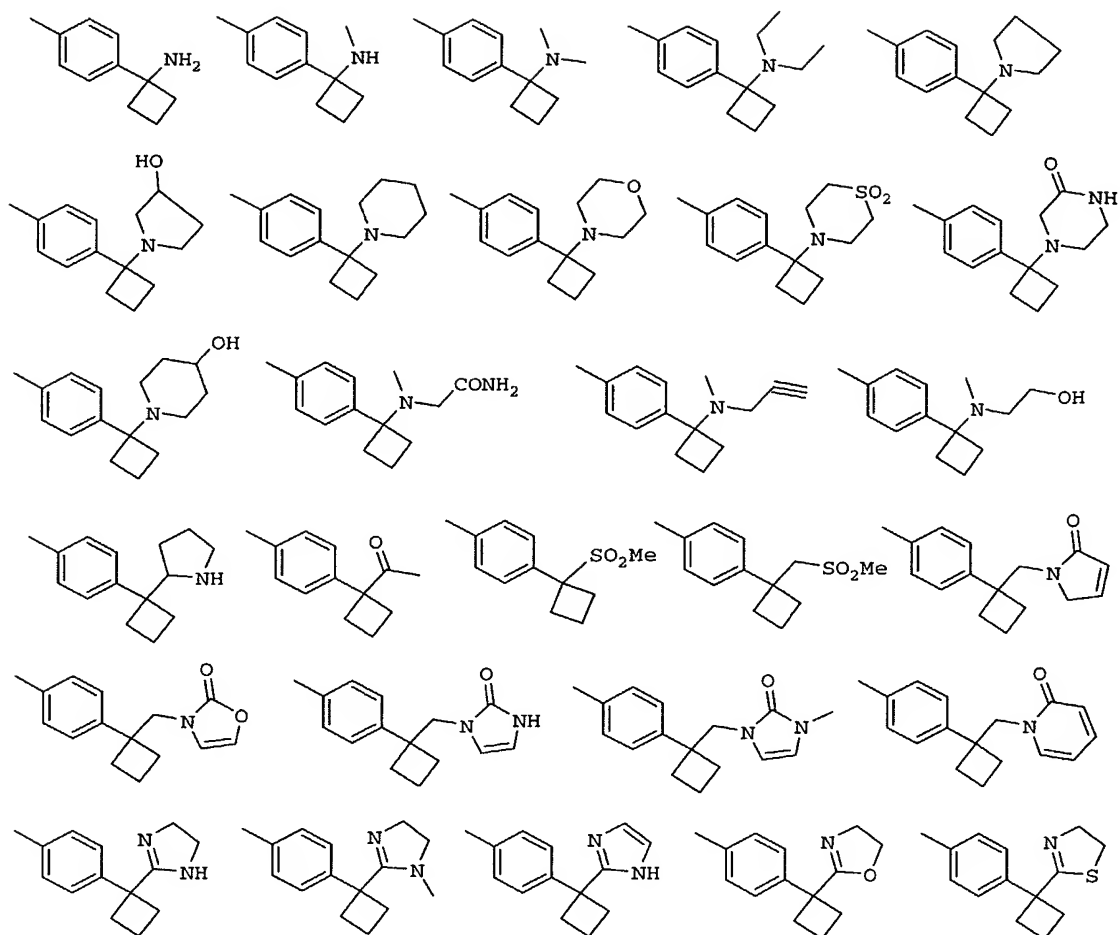


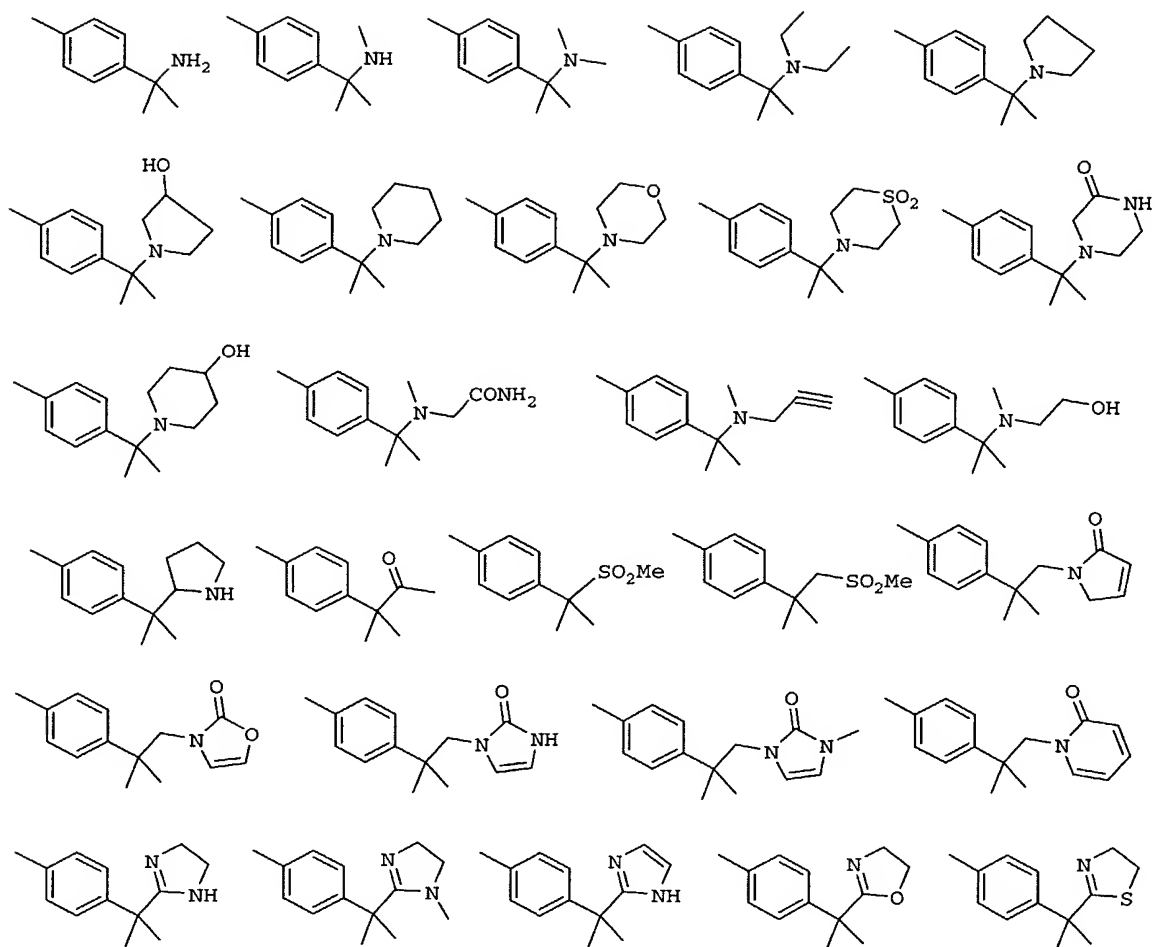


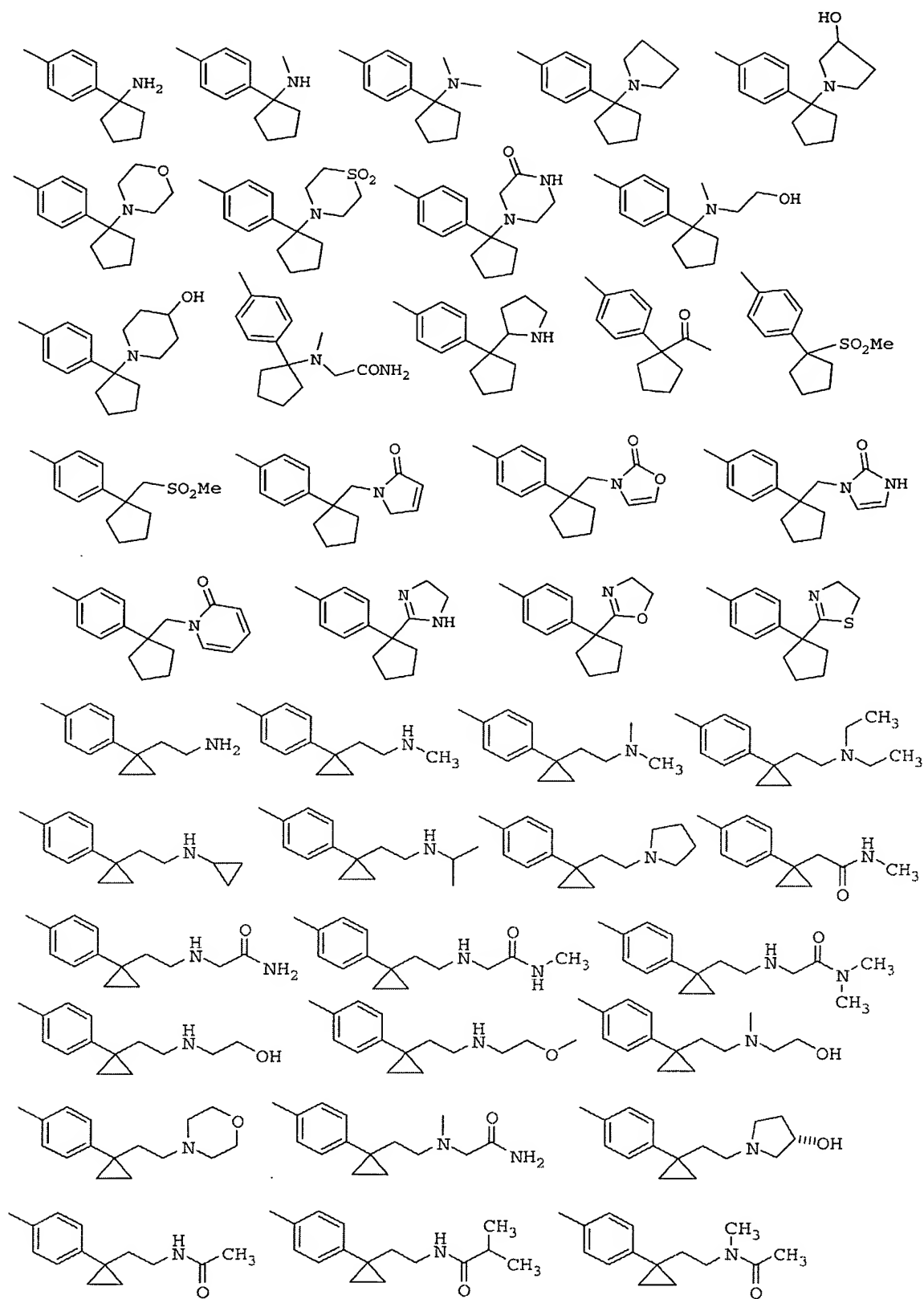


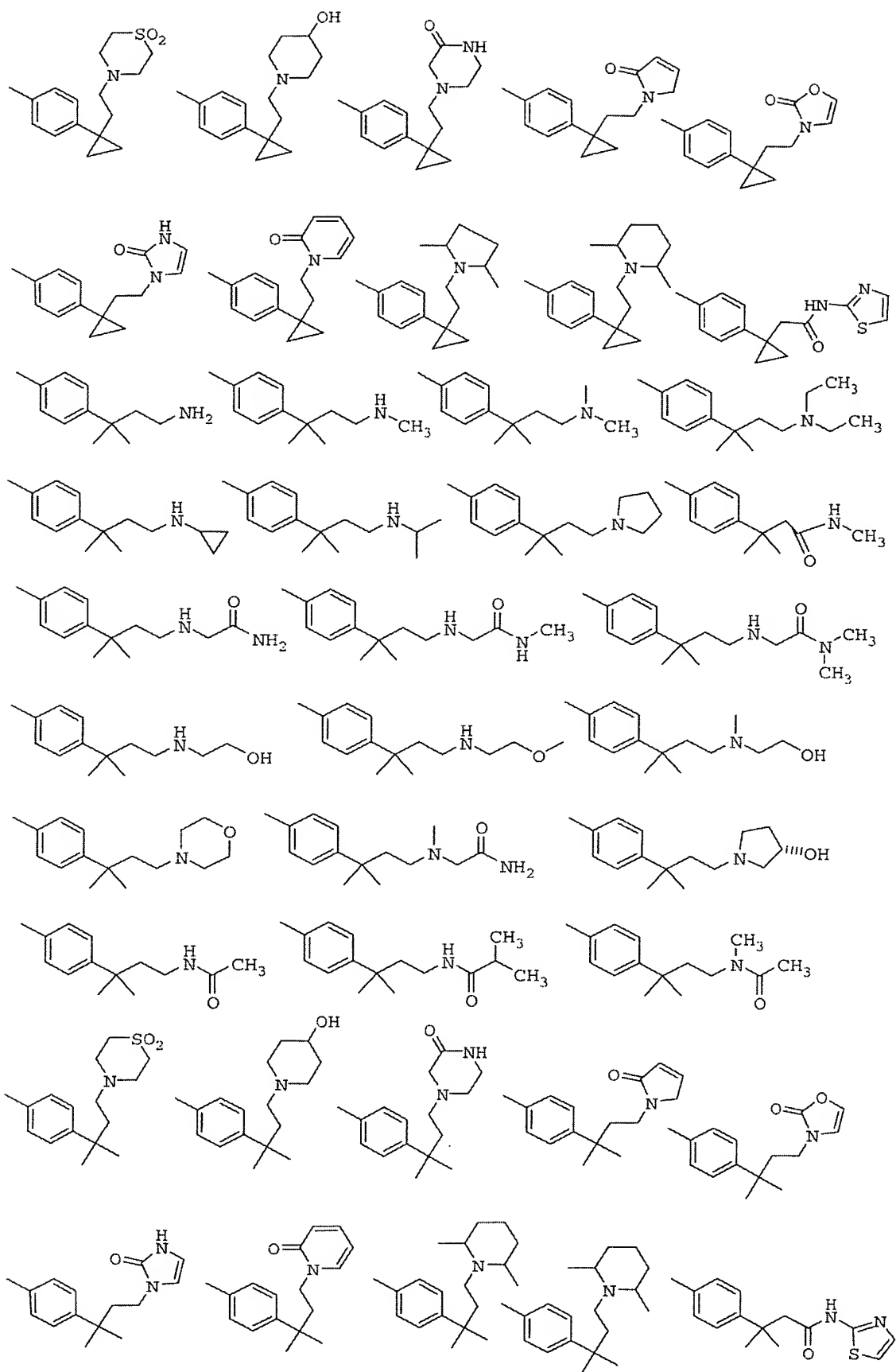


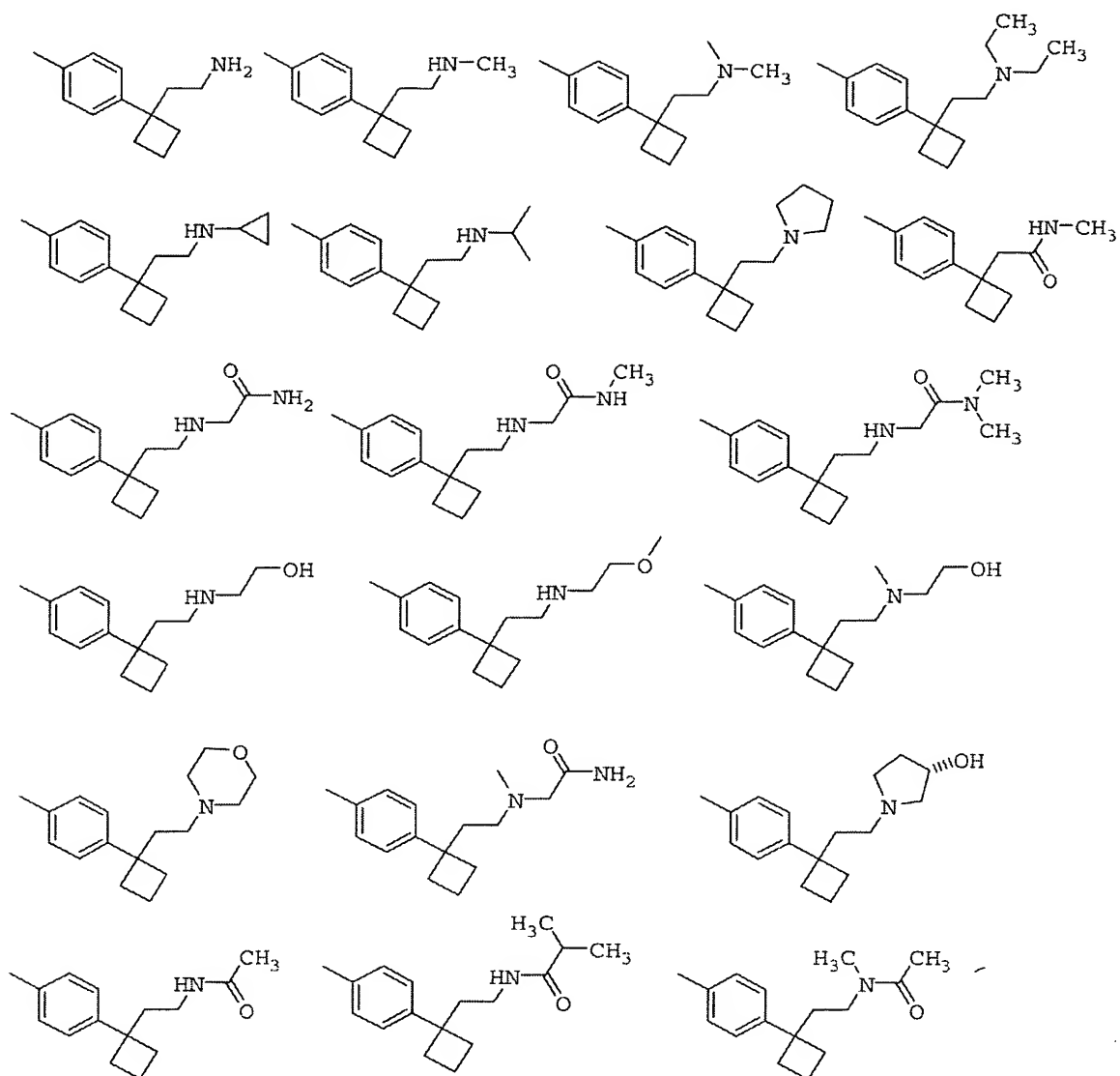


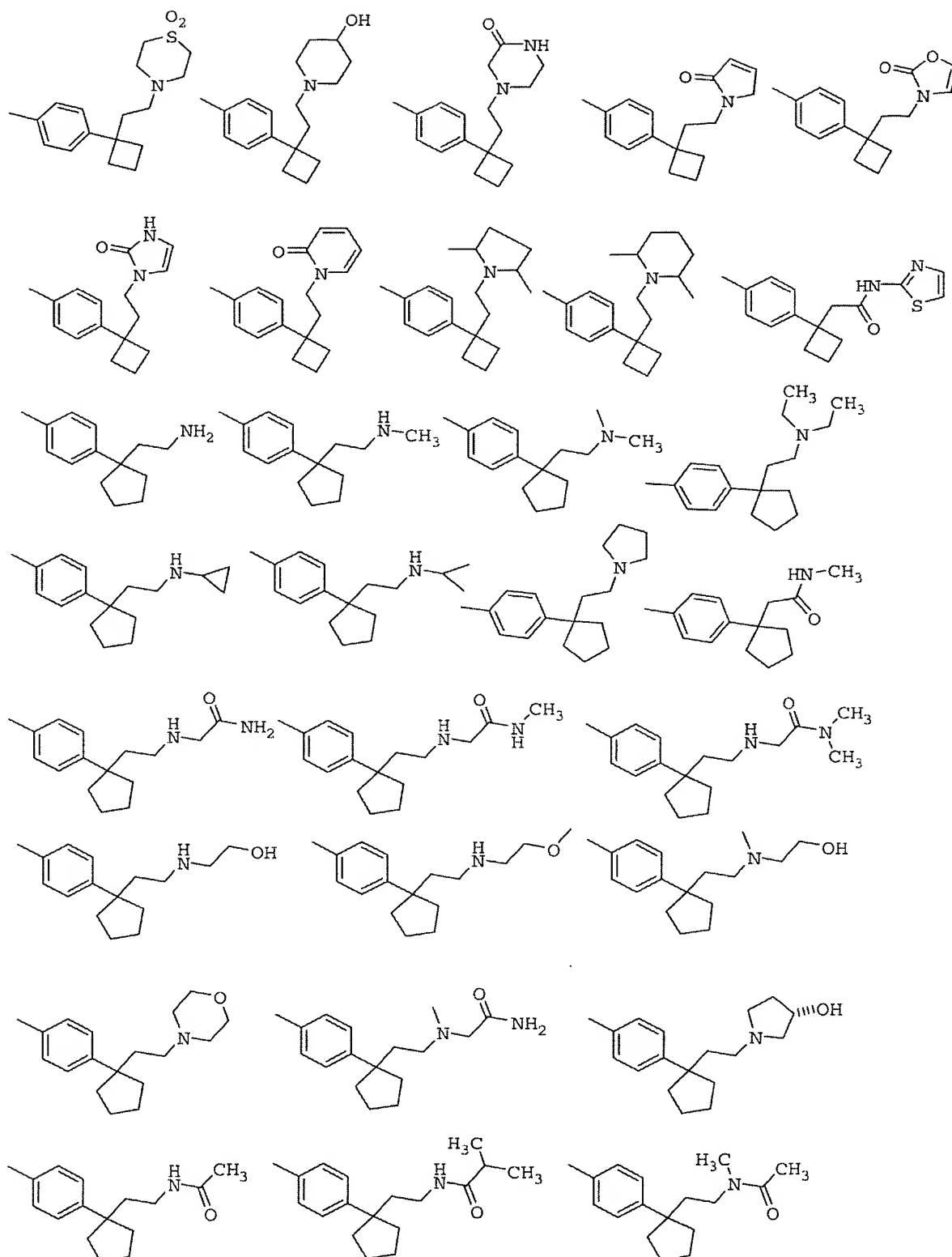


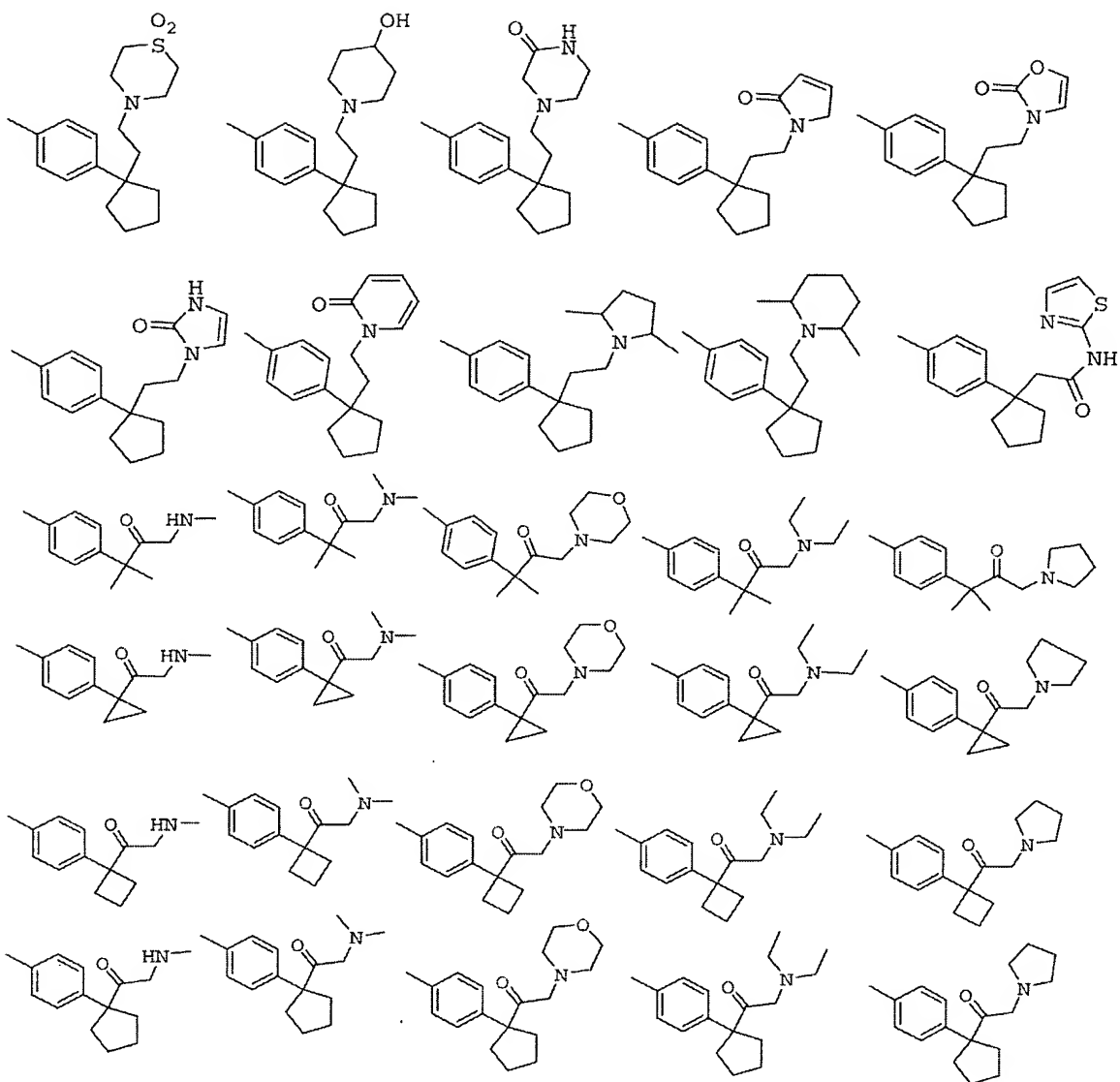












5

15. A compound according to Claim 1, wherein the compound is selected from the group:

10 1-[(6-chloro-2-naphthyl)sulfonyl]-4-{4-[1-(1-pyrrolidinylmethyl)cyclopropyl]benzoyl}piperazine;

5-chloro-N-(5-chloro-2-pyridinyl)-2-({4-[1-(1-pyrrolidinylmethyl)cyclopropyl]benzoyl}amino)benzamide ;

15

- N*-{4-[1,1-dimethyl-2-(1-pyrrolidinyl)ethyl]phenyl}-1-(4-methoxyphenyl)-1*H*-1,2,3-triazole-5-carboxamide;
- N*-{4-[2-(dimethylamino)-1,1-dimethylethyl]phenyl}-1-(4-methoxyphenyl)-1*H*-1,2,3-triazole-5-carboxamide;
- 5 *N*⁵-{4-[2-(dimethylamino)-1,1-dimethylethyl]phenyl}-1-(4-methoxyphenyl)-1*H*-pyrazole-3,5-dicarboxamide;
- 10 3-cyano-*N*-{4-[2-(dimethylamino)-1,1-dimethylethyl]phenyl}-1-(4-methoxyphenyl)-1*H*-pyrazole-5-carboxamide;
- N*-{4-[2-(dimethylamino)-1,1-dimethylethyl]phenyl}-1-(4-methoxyphenyl)-3-(trifluoromethyl)-1*H*-pyrazole-5-carboxamide;
- 15 *N*-{4-[2-(dimethylamino)-1,1-dimethylethyl]phenyl}-1-(4-methoxyphenyl)-1*H*-1,2,3-triazole-5-carboxamide;
- 20 *N*-(4-{1-[(dimethylamino)methyl]cyclopentyl}phenyl)-1-(4-methoxyphenyl)-1*H*-1,2,3-triazole-5-carboxamide;
- N*-(4-{1-[(dimethylamino)methyl]cyclobutyl}phenyl)-1-(4-methoxyphenyl)-1*H*-1,2,3-triazole-5-carboxamide;
- 25 *N*-(4-{1-[(dimethylamino)methyl]cyclopropyl}phenyl)-1-(4-methoxyphenyl)-1*H*-1,2,3-triazole-5-carboxamide;
- 30 1-(2,3-dihydro-1*H*-indol-6-yl)-*N*⁵-(4-{1-[(2-oxo-1-pyrrolidinyl)methyl]cyclopropyl}phenyl)-1*H*-pyrazole-3,5-dicarboxamide;
- 35 1-(2,3-dihydro-1*H*-indol-6-yl)-*N*⁵-(4-{1-[(dimethylamino)methyl]cyclopropyl}phenyl)-1*H*-pyrazole-3,5-dicarboxamide;

5-chloro-*N*-(5-chloro-2-pyridinyl)-2-({4-[2-(dimethylamino)-
1,1-dimethylethyl]benzoyl}amino)benzamide;

5 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-
[(methylamino)methyl]cyclopropyl}benzoyl)amino]benzami
de;

10 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-
(methoxymethyl)cyclopropyl}benzoyl)amino]benzamide;

15 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-
[(dimethylamino)methyl]cyclopropyl}benzoyl)amino]benza
mide;

5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-[(2-methyl-1-
pyrrolidinyl)methyl]cyclopropyl}benzoyl)amino]benzamid
e;

20 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-[(2-oxo-1-
pyrrolidinyl)methyl]cyclopropyl}benzoyl)amino]benzamid
e;

25 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-
[(isopropylamino)methyl]cyclopropyl}benzoyl)amino]benz
amide;

30 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-
[(cyclopropylamino)methyl]cyclopropyl}benzoyl)amino]be
nzamide;

35 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-
[(cyclobutylamino)methyl]cyclopropyl}benzoyl)amino]ben
zamide;

5-chloro-*N*-(5-chloro-2-pyridinyl)-2-{{4-(1-{{(2-hydroxyethyl)amino)methyl}cyclopropyl)benzoyl}amino}benzamide;

5 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-{{4-(1-{{(2-hydroxyethyl)(methyl)amino)methyl}cyclopropyl)benzoyl}amino}benzamide;

10 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-[(3-hydroxy-1-pyrrolidinyl)methyl]cyclopropyl}benzoyl)amino]benzamide;

15 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-[(4-hydroxy-1-piperidinyl)methyl]cyclopropyl}benzoyl)amino]benzamide;

5-chloro-*N*-(5-chloro-2-pyridinyl)-2-({4-[1-(1-piperidinylmethyl)cyclopropyl]benzoyl}amino)benzamide;

20 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-[(2-oxo-1-piperidinyl)methyl]cyclopropyl}benzoyl)amino]benzamide;

25 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-[(2-oxo-1-imidazolidinyl)methyl]cyclopropyl}benzoyl)amino]benzamide;

30 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-[(2-oxo-1-pyrrolidinyl)methyl]cyclopropyl}benzyl)amino]benzamide;

2-{{4-(1-{{acetyl(methyl)amino)methyl}cyclopropyl)benzyl}amino}-5-chloro-*N*-(5-chloro-2-pyridinyl)benzamide;

- 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-({4-[1-
({methyl (methylamino) carbonyl} amino) methyl} cyclopropyl
1] benzyl} amino) benzamide;
- 5 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-{[4-(1-
{ [methyl (methylsulfonyl) amino] methyl} cyclopropyl) benzy
1] amino} benzamide;
- 10 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-
[(methylsulfonyl) amino] cyclopropyl} benzyl) amino] benzam
ide;
- 2-({4-[1-(acetylamino) cyclopropyl] benzyl} amino)-5-chloro-*N*-
(5-chloro-2-pyridinyl) benzamide;
- 15 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-{[4-(1-{[(2-
hydroxyethyl) amino] methyl} cyclopropyl) benzyl] amino} ben
zamide;
- 20 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-{[4-(1-{[(2-
hydroxyethyl) (methyl) amino] methyl} cyclopropyl) benzyl] a
mino} benzamide;
- 25 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-[(1,3-thiazol-2-
ylamino) methyl] cyclopropyl} benzoyl) amino] benzamide;
- 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-[(4-{1-[(2-methyl-1*H*-
imidazol-1-
yl) methyl] cyclopropyl} benzoyl) amino] benzamide;
- 30 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-({4-[1-
({ [(methylamino) carbonyl] amino} methyl} cyclopropyl] benz
oyl} amino) benzamide;

methyl [1-(4-{{(4-chloro-2-{{(5-chloro-2-pyridinyl) amino} carbonyl} phenyl) amino} carbonyl} phenyl) cyclopropyl] methylcarbamate;

5 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-{{4-(1-{{(methylsulfonyl) amino} methyl} cyclopropyl) benzoyl} amino} benzamide;

10 2-{{4-[1-(2-amino-2-oxoethyl) cyclopropyl] benzoyl} amino)-5-chloro-*N*-(5-chloro-2-pyridinyl) benzamide;

15 5-chloro-*N*-(5-chloro-2-pyridinyl)-2-{{4-{{1-[2-(dimethylamino)-2-oxoethyl] cyclopropyl} benzyl} amino} benzamide;

2-{{4-[1-(2-amino-2-oxoethyl) cyclopropyl] benzyl} amino)-5-chloro-*N*-(5-chloro-2-pyridinyl) benzamide;

20 *N*-{4-[1-(2-amino-2-oxoethyl) cyclopropyl] phenyl}-1-(4-methoxyphenyl)-1*H*-1,2,3-triazole-5-carboxamide;

N-{4-[1-(aminomethyl) cyclopropyl] phenyl}-1-(4-methoxyphenyl)-1*H*-1,2,3-triazole-5-carboxamide;

25 1-(4-methoxyphenyl)-*N*-(4-{{1-{{(methylamino) methyl} cyclopropyl} phenyl)-1*H*-1,2,3-triazole-5-carboxamide;

30 1-(4-methoxyphenyl)-*N*-{4-[1-(1-pyrrolidinylmethyl) cyclopropyl] phenyl}-1*H*-1,2,3-triazole-5-carboxamide;

35 1-(4-methoxyphenyl)-*N*⁵-{4-[1-(1-pyrrolidinylmethyl) cyclopropyl] phenyl}-1*H*-pyrazole-3,5-dicarboxamide;

- 1- (4-methoxyphenyl) -N⁵- (4- {1- [(2-oxo-1-
pyrrolidinyl)methyl]cyclopropyl}phenyl) -1H-pyrazole-
3,5-dicarboxamide;
- 5 1- (4-methoxyphenyl) -N⁵- (4- {1-
[(methylamino)methyl]cyclopropyl}phenyl) -1H-pyrazole-
3,5-dicarboxamide;
- 10 3-cyano-1- (4-methoxyphenyl) -N- (4- {1-
[(methylamino)methyl]cyclopropyl}phenyl) -1H-pyrazole-
5-carboxamide;
- 15 3-cyano-1- (4-methoxyphenyl) -N- {4- [1- (1-
pyrrolidinylmethyl)cyclopropyl]phenyl} -1H-pyrazole-5-
carboxamide;
- 20 3-cyano-1- (4-methoxyphenyl) -N- (4- {1- [(2-oxo-1-
pyrrolidinyl)methyl]cyclopropyl}phenyl) -1H-pyrazole-5-
carboxamide;
- 1- (4-methoxyphenyl) -3- (methylsulfonyl) -N- (4- {1- [(2-oxo-1-
pyrrolidinyl)methyl]cyclopropyl}phenyl) -1H-pyrazole-5-
carboxamide;
- 25 N- (4- {1- [(3-hydroxy-1-
pyrrolidinyl)methyl]cyclopropyl}phenyl) -1- (4-
methoxyphenyl) -3- (methylsulfonyl) -1H-pyrazole-5-
carboxamide;
- 30 5-chloro-thiophene-2-carboxylic acid {1- [4- (1-pyrrolidin-1-
ylmethyl-cyclopropyl) -benzoyl] -pyrrolidin-3-yl} -amide
;
- 35 5-chloro-thiophene-2-carboxylic acid {1- [4- (1-
dimethylaminomethyl-cyclopropyl) -benzoyl] -pyrrolidin-
3-yl} -amide;

- 3-chloro-1H-indole-6-carboxylic acid {1-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoyl]-pyrrolidin-3-yl}-amide;
- 5 3-chloro-1H-indole-6-carboxylic acid {1-[4-(1-dimethylaminomethyl-cyclopropyl)-benzoyl]-pyrrolidin-3-yl}-amide;
- 10 3-chloro-1H-indole-6-carboxylic acid {2-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-cyclohexyl}-amide;
- 5-chloro-thiophene-2-carboxylic acid {2-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-cyclohexyl}-amide;
- 15 2{4-[4-chloro-2-(5-chloro-pyridin-2-ylcarbamoyl)-phenylcarbamoyl]-phenyl}-2-methyl-propionic acid methyl ester;
- 20 2{4-[4-chloro-2-(5-chloro-pyridin-2-ylcarbamoyl)-phenylcarbamoyl]-phenyl}-2-methyl-propyl alcohol;
- 5-chloro-N-(5-chloropyridin-2-yl)-2-({4-[2-(ethylamino)-1,1-dimethylethyl]benzoyl}amino)benzamide;
- 25 5-chloro-N-(5-chloropyridin-2-yl)-2-{{4-(1,1-dimethyl-2-pyrrolidin-1-ylethyl)benzoyl}amino}benzamide;
- 5-chloro-N-(5-chloropyridin-2-yl)-2-{{4-(1,1-dimethyl-2-morpholin-4-ylethyl)benzoyl}amino}benzamide;
- 30 2-{4-[2-(5-chloro-pyridin-2-ylcarbamoyl)-phenylcarbamoyl]-phenyl}-2-methyl-propionic acid methyl ester;
- 35 2-{4-[2-(5-chloro-pyridin-2-ylcarbamoyl)-4-methoxy-phenylcarbamoyl]-phenyl}-2-methyl-propionic acid methyl ester;

N-(5-chloropyridin-2-yl)-2-([4-(2-hydroxy-1,1-dimethylethyl)benzoyl]amino)benzamide;

5 *N*-(5-chloropyridin-2-yl)-2-([4-(2-hydroxy-1,1-dimethylethyl)benzoyl]amino)-5-methoxybenzamide;

N-(5-chloropyridin-2-yl)-2-([4-(1,1-dimethyl-2-pyrrolidin-1-ylethyl)benzoyl]amino)benzamide;

10

N-(5-chloropyridin-2-yl)-2-([4-(1,1-dimethyl-2-morpholin-4-ylethyl)benzoyl]amino)benzamide;

15 *N*-(5-chloropyridin-2-yl)-2-([4-(1,1-dimethyl-2-pyrrolidin-1-ylethyl)benzoyl]amino)-5-methoxybenzamide;

2-[(4-{2-[acetyl(methyl)amino]-1,1-dimethylethyl)benzoyl]amino)-*N*-(5-chloropyridin-2-yl)benzamide;

20

2-(4-{[2-(5-chloro-pyridin-2-yl)carbamoyl]-phenylamino)methyl}-phenyl)-2-methyl-propionic acid methyl ester;

25 5-chloro-*N*-(5-chloropyridin-2-yl)-2-([4-(2-hydroxy-1,1-dimethylethyl)benzyl]amino)benzamide;

5-chloro-*N*-(5-chloro-pyridin-2-yl)-2-[4-(2-dimethylamino-1,1-dimethyl-ethyl)-benzylamino]-benzamide;

30

N-(5-chloropyridin-2-yl)-2-({4-[1-(hydroxymethyl)cyclopropyl]benzoyl}amino)-5-methoxybenzamide;

35 *N*-(5-chloropyridin-2-yl)-5-methoxy-2-({4-[1-(pyrrolidin-1-yl)methyl]cyclopropyl]benzoyl}amino)benzamide;

N-(5-chloropyridin-2-yl)-2-({4-[1-(pyrrolidin-1-ylmethyl)cyclopropyl]benzoyl}amino)benzamide;

5 1-{4-[2-(5-chloro-pyridin-2-ylcarbamoyl)-phenylcarbamoyl]-phenyl}-cyclopropanecarboxylic acid methyl ester;

N-(5-chloropyridin-2-yl)-2-({4-[1-(hydroxymethyl)cyclopropyl]benzoyl}amino)benzamide;

10

6-chloro-3-(5-chloropyridin-2-yl)-2-[4-(1,1-dimethyl-2-morpholin-4-ylethyl)phenyl]quinazolin-4(3*H*)-one;

15 3-(5-chloropyridin-2-yl)-2-{4-[1-(pyrrolidin-1-ylmethyl)cyclopropyl]phenyl}quinazolin-4(3*H*)-one;

2-(4-methoxy-phenyl)-5-trifluoromethyl-2*H*-pyrazole-3-carboxylic acid {4-[1-(2-methylamino-ethyl)-cyclopropyl]-phenyl}-amide;

20

2-(4-methoxy-phenyl)-5-trifluoromethyl-2*H*-pyrazole-3-carboxylic acid {4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-amide;

25 2-(4-methoxy-phenyl)-5-trifluoromethyl-2*H*-pyrazole-3-carboxylic acid {4-[1-(2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-amide;

30 2-(4-methoxy-phenyl)-5-trifluoromethyl-2*H*-pyrazole-3-carboxylic acid [4-(1-{2-[(2-hydroxy-ethyl)-methyl-amino]-ethyl}-cyclopropyl)-phenyl]-amide;

35 2-(4-methoxy-phenyl)-5-trifluoromethyl-2*H*-pyrazole-3-carboxylic acid (4-{1-[2-(carbamoylmethyl-methyl-amino)-ethyl]-cyclopropyl}-phenyl)-amide;

- 2-(4-methoxy-phenyl)-5-trifluoromethyl-2H-pyrazole-3-carboxylic acid {4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-amide;
- 5 2-(4-methoxy-phenyl)-5-trifluoromethyl-2H-pyrazole-3-carboxylic acid [4-(1-carbamoylmethyl-cyclopropyl)-phenyl]-amide;
- 10 2-(4-methoxy-phenyl)-5-trifluoromethyl-2H-pyrazole-3-carboxylic acid [4-(1-methylcarbamoylmethyl-cyclopropyl)-phenyl]-amide;
- 15 2-(4-methoxy-phenyl)-5-trifluoromethyl-2H-pyrazole-3-carboxylic acid [4-(1-methylcarbamoylmethyl-cyclobutyl)-phenyl]-amide;
- 20 2-(4-methoxy-phenyl)-5-trifluoromethyl-2H-pyrazole-3-carboxylic acid [4-(1-carbamoylmethyl-cyclobutyl)-phenyl]-amide;
- 25 2-(4-methoxy-phenyl)-5-trifluoromethyl-2H-pyrazole-3-carboxylic acid {4-[1-(2-methylamino-ethyl)-cyclobutyl]-phenyl}-amide;
- 30 2-(4-methoxy-phenyl)-5-trifluoromethyl-2H-pyrazole-3-carboxylic acid {4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-amide;
- 35 2-(4-methoxy-phenyl)-5-trifluoromethyl-2H-pyrazole-3-carboxylic acid {4-[1-(2-pyrrolidin-1-yl-ethyl)-cyclobutyl]-phenyl}-amide;

- 2-(4-methoxy-phenyl)-5-trifluoromethyl-2H-pyrazole-3-carboxylic acid {4-[1-(2-dimethylamino-ethyl)-cyclopentyl]-phenyl}-amide;
- 5 5-cyano-2-(4-methoxy-phenyl)-2H-pyrazole-3-carboxylic acid {4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-amide;
- 2-(4-methoxy-phenyl)-5-methyl-2H-pyrazole-3-carboxylic acid
10 {4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-amide;
- 1-(4-methoxy-phenyl)-1H-pyrazole-3,5-dicarboxylic acid 3-amide 5-({4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-amide);
15
- 5-methanesulfonyl-2-(4-methoxy-phenyl)-2H-pyrazole-3-carboxylic acid {4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-amide;
20
- 3-(4-methoxy-phenyl)-3H-[1,2,3]triazole-4-carboxylic acid {4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-amide;
- 25 3-(4-methoxy-phenyl)-3H-[1,2,3]triazole-4-carboxylic acid [4-(1-carbamoylmethyl-cyclopropyl)-phenyl]-amide;
- 3-(4-methoxy-phenyl)-3H-[1,2,3]triazole-4-carboxylic acid [4-(1-methylcarbamoylmethyl-cyclopropyl)-phenyl]-amide;
30
- 2-[1-(4-{2-[3-(4-methoxy-phenyl)-3H-[1,2,3]triazol-4-yl]-2-oxo-ethyl}-phenyl)-cyclopropyl]-N-methyl-acetamide;
- 35 2-[1-(4-{2-[3-(4-methoxy-phenyl)-3H-[1,2,3]triazol-4-yl]-2-oxo-ethyl}-phenyl)-cyclopropyl]-acetamide;

2-[1-(4-{2-[2-(4-methoxy-phenyl)-5-trifluoromethyl-2H-pyrazol-3-yl]-2-oxo-ethyl}-phenyl)-cyclopropyl]-acetamide;

5

2-[1-(4-{2-[5-cyano-2-(4-methoxy-phenyl)-2H-pyrazol-3-yl]-2-oxo-ethyl}-phenyl)-cyclopropyl]-acetamide;

10

2-[1-(4-{2-[5-methanesulfonyl-2-(4-methoxy-phenyl)-2H-pyrazol-3-yl]-2-oxo-ethyl}-phenyl)-cyclopropyl]-acetamide;

15

2-[1-(4-{2-[5-methanesulfonyl-2-(4-methoxy-phenyl)-2H-pyrazol-3-yl]-2-oxo-ethyl}-phenyl)-cyclopropyl]-N-methyl-acetamide;

20

5-chloro-N-(5-chloro-2-pyridinyl)-2-({4-[1-(2-dimethylamino-ethyl)cyclopropyl]benzoyl}amino)benzamide;

N-(5-chloro-2-pyridinyl)-5-methoxy-2-({4-[1-(2-dimethylamino-ethyl)cyclopropyl]benzoyl}amino)benzamide;

25

N-(5-chloro-2-pyridinyl)-5-fluoro-2-({4-[1-(2-dimethylamino-ethyl)cyclopropyl]benzoyl}amino)benzamide;

30

N-(5-chloro-2-pyridinyl)-5-methyl-2-({4-[1-(2-dimethylamino-ethyl)cyclopropyl]benzoyl}amino)benzamide;

35

N-(5-chloro-2-pyridinyl)-5-methylsulfonyl-2-({4-[1-(2-dimethylamino-ethyl)cyclopropyl]benzoyl}amino)benzamide;

N-(5-chloro-2-pyridinyl)-5-cyano-2-({4-[1-(2-dimethylamino-ethyl)cyclopropyl]benzoyl}amino)benzamide;

5 N-(5-chloro-2-pyridinyl)-2-({4-[1-(2-dimethylamino-ethyl)cyclopropyl]benzoyl}amino)benzamide;

3-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-pyridine-2-carboxylic acid (5-chloro-pyridin-2-yl)-amide;

10

N-(5-chloro-pyridin-2-yl)-4-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-nicotinamide;

15 N-(5-chloro-pyridin-2-yl)-3-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-isonicotinamide;

N-(5-chloro-pyridin-2-yl)-2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-nicotinamide;

20 5-chloro-N-(5-chloro-2-pyridinyl)-2-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-benzoylamino)benzamide;

25 N-(5-chloro-2-pyridinyl)-5-methoxy-2-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-benzoylamino)benzamide;

30 N-(5-chloro-2-pyridinyl)-5-fluoro-2-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-benzoylamino)benzamide;

N-(5-chloro-2-pyridinyl)-5-methyl-2-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-benzoylamino)benzamide;

35

N-(5-chloro-2-pyridinyl)-5-methylsulfonyl-2-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}benzoylamino)benzamide;

- 5 N-(5-chloro-2-pyridinyl)-5-cyano-2-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-benzoylamino)benzamide;

- 10 N-(5-chloro-2-pyridinyl)-2-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-benzoylamino)benzamide;

- 3-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-benzoylamino)-pyridine-2-carboxylic acid (5-chloro-pyridin-2-yl)-amide;

- 15 N-(5-chloro-pyridin-2-yl)-4-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-benzoylamino)-nicotinamide;

- 20 N-(5-chloro-pyridin-2-yl)-3-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-benzoylamino)-isonicotinamide;

N-(5-chloro-pyridin-2-yl)-2-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-benzoylamino)-nicotinamide;

- 25 3-chloro-1H-indole-6-carboxylic acid {4-dimethylcarbamoyl-2-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-cyclohexyl}-amide;

- 30 3-chloro-1H-indole-6-carboxylic acid {5-dimethylcarbamoyl-2-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-cyclohexyl}-amide;

- 35 3-chloro-1H-indole-6-carboxylic acid {4-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-tetrahydro-pyran-3-yl}-amide;

- 3-chloro-1H-indole-6-carboxylic acid {3-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-tetrahydro-pyran-4-yl}-amide;
- 5 3-chloro-1H-indole-6-carboxylic acid {1,1-dioxo-3-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-hexahydro-1 λ ⁶-thiopyran-4-yl}-amide;
- 10 3-chloro-1H-indole-6-carboxylic acid {1,1-dioxo-4-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-hexahydro-1 λ ⁶-thiopyran-3-yl}-amide;
- 15 3-chloro-1H-indole-6-carboxylic acid {1-acetyl-3-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-piperidin-4-yl}-amide;
- 20 3-chloro-1H-indole-6-carboxylic acid {1-acetyl-3-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-piperidin-4-yl}-amide;
- 4-[(3-chloro-1H-indole-6-carbonyl)-amino]-3-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-piperidine-1-carboxylic acid methyl ester;
- 25 3-chloro-1H-indole-6-carboxylic acid {1-(2-methoxy-acetyl)-3-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-piperidin-4-yl}-amide;
- 30 5-chloro-thiophene-2-carboxylic acid {2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzoylamino]-cyclopentyl}-amide;
- 35 5-chloro-thiophene-2-carboxylic acid {4-[4-(1-dimethylaminomethyl-cyclopropyl)-benzoylamino]-tetrahydro-furan-3-yl}-amide;

- 5-chloro-thiophene-2-carboxylic acid {1-acetyl-4-[4-(1-dimethylaminomethyl-cyclopropyl)-benzoylamino]-pyrrolidin-3-yl}-amide;
- 5 5-chloro-thiophene-2-carboxylic acid {1-cyclopropanecarbonyl-4-[4-(1-dimethylaminomethyl-cyclopropyl)-benzoylamino]-pyrrolidin-3-yl}-amide;
- 10 3-[(5-chloro-thiophene-2-carbonyl)-amino]-4-[4-(1-dimethylaminomethyl-cyclopropyl)-benzoylamino]-pyrrolidine-1-carboxylic acid methyl ester;
- 15 5-chloro-thiophene-2-carboxylic acid [4-[4-(1-dimethylaminomethyl-cyclopropyl)-benzoylamino]-1-(2-methoxy-acetyl)-pyrrolidin-3-yl]-amide;
- 20 5-chloro-thiophene-2-carboxylic acid {2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzoylamino]-4-dimethylcarbamoyl-cyclopentyl}-amide;
- 25 5-chloro-thiophene-2-carboxylic acid {1-[4-(1-dimethylaminomethyl-cyclopropyl)-benzoylamino]-indan-2-yl}-amide;
- 30 3-chloro-1H-indole-6-carboxylic acid {3-[4-(1-dimethylaminomethyl-cyclopropyl)-benzoylamino]-1,2,3,4-tetrahydro-naphthalen-2-yl}-amide;
- 35 3-chloro-1H-indole-6-carboxylic acid {3-[4-(1-dimethylaminomethyl-cyclopropyl)-benzoylamino]-7-oxa-bicyclo[2.2.1]hept-2-yl}-amide;
- 5-chloro-thiophene-2-carboxylic acid {2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzoylamino]-4-dimethylcarbamoyl-cyclopentyl}-amide;

- 5-chloro-thiophene-2-carboxylic acid {8-[4-(1-dimethylaminomethyl-cyclopropyl)-benzoylamino]-1-oxa-spiro[4.4]non-7-yl}-amide;
- 5 5-chloro-thiophene-2-carboxylic acid (8-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-1-oxa-spiro[4.4]non-7-yl)-amide;
- 10 5-chloro-thiophene-2-carboxylic acid (2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-cyclopentyl)-amide;
- 15 5-chloro-thiophene-2-carboxylic acid (2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-4-dimethylcarbamoyl-cyclopentyl)-amide;
- 20 3-[(5-chloro-thiophene-2-carbonyl)-amino]-4-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-pyrrolidine-1-carboxylic acid methyl ester;
- 25 5-chloro-thiophene-2-carboxylic acid (4-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-tetrahydro-furan-3-yl)-amide;
- 30 3-chloro-1H-indole-6-carboxylic acid (2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-cyclohexyl)-amide;
- 35 3-chloro-1H-indole-6-carboxylic acid (2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-4-dimethylcarbamoyl-cyclohexyl)-amide;
- 4-[(3-Chloro-1H-indole-6-carbonyl)-amino]-3-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-piperidine-1-carboxylic acid methyl ester;

3-chloro-1H-indole-6-carboxylic acid (3-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-1,1-dioxo-hexahydro-1 λ ⁶-thiopyran-4-yl)-amide;

5 3-chloro-1H-indole-6-carboxylic acid (4-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-1,1-dioxo-hexahydro-1 λ ⁶-thiopyran-3-yl)-amide;

10 3-chloro-1H-indole-6-carboxylic acid (4-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-tetrahydro-pyran-3-yl)-amide;

15 3-chloro-1H-indole-6-carboxylic acid (3-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzoylamino}-tetrahydro-pyran-4-yl)-amide;

(1*R*, 2*S*)-5-chloro-thiophene-2-carboxylic acid {2-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-cyclopentyl}-amide;

20 (1*R*, 2*S*)-3-chloro-1H-indole-6-carboxylic acid {2-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-cyclopentyl}-amide;

25 (1*R*, 2*S*)-5-chloro-thiophene-2-carboxylic acid {2-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-benzoylamino]-cyclohexyl}-amide; and,

30 Cis-3-chloro-1H-indole-6-carboxylic acid {2-[4-(1-pyrrolidin-1-ylmethyl-cyclopropyl)-phenylcarbamoyl]-cyclohexyl}-amide;

or a pharmaceutically acceptable salt form thereof.

35

16. A pharmaceutical composition, comprising: a
pharmaceutically acceptable carrier and a therapeutically
effective amount of a compound of Claim 1, 2, 3, 4, 5, 6,
7, 8, 9, 10, 11, 12, 13, 14, or 15 or a pharmaceutically
5 acceptable salt thereof.

17. A compound of Claim 1, 2, 3, 4, 5, 6, 7, 8, 9, 10,
11, 12, 13, 14, or 15 for use in therapy.
10

18. Use of a compound of Claim 1, 2, 3, 4, 5, 6, 7, 8,
9, 10, 11, 12, 13, 14, or 15 for the manufacture of a
medicament for the treatment of a thromboembolic disorder.
15

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/13893

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/41, 3144, 31/435; C07D 213/14, 213/75, 471/04

US CL : 514/300, 303, 352, 406, 407; 546/117, 119, 309; 548/364.7, 369.4, 369.7

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/300, 303, 352, 406, 407; 546/117, 119, 309; 548/364.7, 369.4, 369.7

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAS ONLINE- Structure searches**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,P	US 6,456,656 B2 (ZHOU et al) 15 October 2002.	1-18



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

14 July 2003 (14.07.2003)

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Date of mailing of the international search report

Authorized officer

Bernard Dentz

Telephone No. 703 308-1235

BOX II. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING

I. Claims 1-8 and 16-18 drawn to pyrazolo and triazolopyridines.

II. Claims 1 and 9-18 drawn to pyrazoles.

III. Claims 1 and 9-18 drawn to compounds where the M ring is benzene. See claim 14, fourth and fifth structures.

IV. Claims 1 and 9-18 drawn to cpds. where M is cyclohexane or cyclopentane. See claim 14, sixth and seventh structures

V. Claims 1 and 9-18 drawn to cpds. where M is piperidine. See claim 14, eighth and ninth structures.

In covering a multitude of different ring structures there is not a single common core. See PCT rule 13.1-13.4.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/13893

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claim Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claim Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claim Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:
Please See Continuation Sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.